



Brilliant Metals
Where Design Meets Innovation

WHERE DESIGN MEETS INNOVATION

ARCHITECTURAL MESH HANDBOOK



Brilliant Architectural Mesh

Architectural Mesh Manufacturer

Introduction

Brilliant Metals has been a trusted leader in the architectural mesh industry, delivering innovative design, precision fabrication, and seamless installation services. Our mission is to transform spaces with cutting-edge metal mesh solutions that blend functionality, aesthetics, and sustainability. We specialize in creating custom architectural mesh products that enhance both interior and exterior environments, offering unparalleled durability, versatility, and visual appeal.

At Brilliant Metals, we are committed to pushing the boundaries of design and engineering. Our team collaborates closely with architects, designers, and builders to bring visionary concepts to life, ensuring every project reflects the highest standards of quality and craftsmanship. From facades and ceilings to partitions and balustrades, our solutions are tailored to meet the unique needs of each client.

With 20 years of expertise, Brilliant Metals continues to lead the industry by combining technical innovation with artistic vision. We take pride in our ability to deliver solutions that inspire, endure, and elevate the built environment. Trust Brilliant Metals to bring brilliance to your next project - because great design deserves a lasting impression.

20+

YEARS EXPERIENCE

200+

MESH PATTERNS

20+

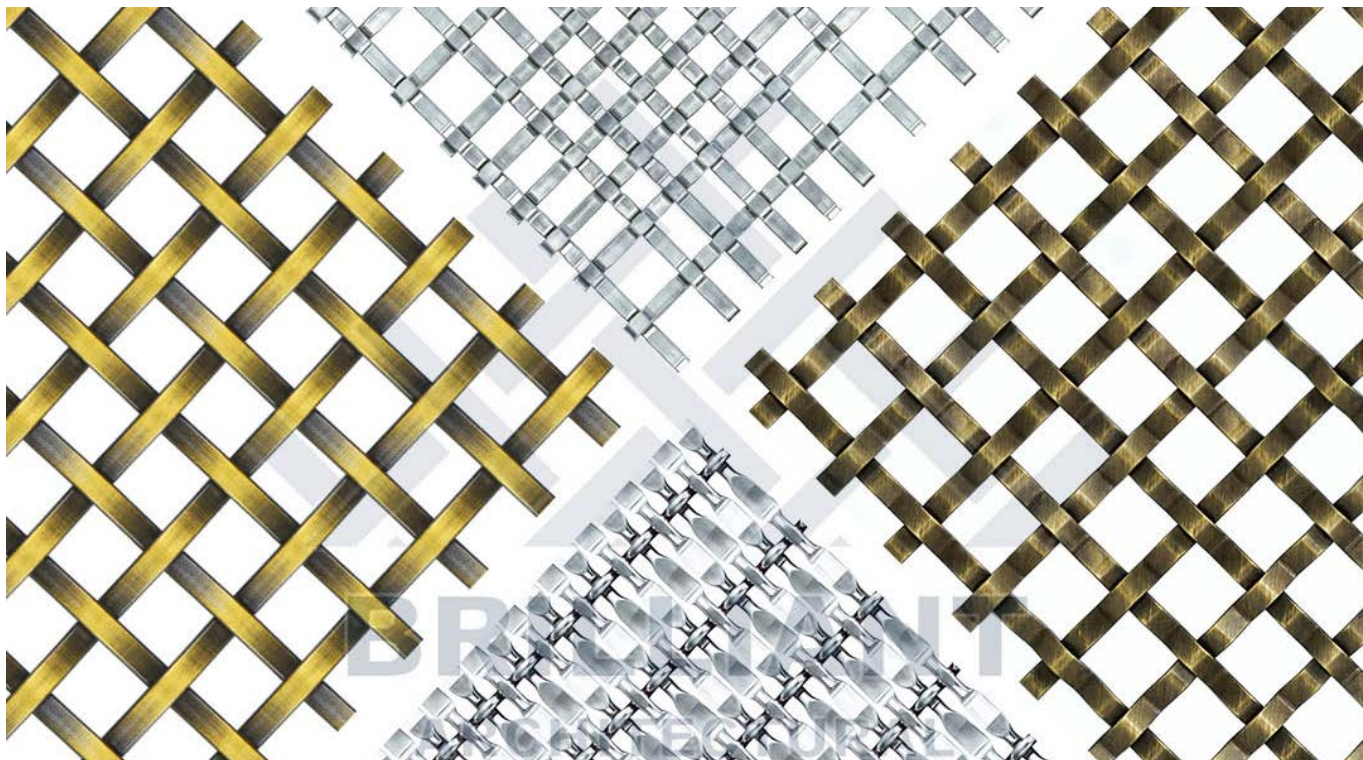
COUNTRY SUPPLIED

300+

PROJECTS FINISHED

Contents

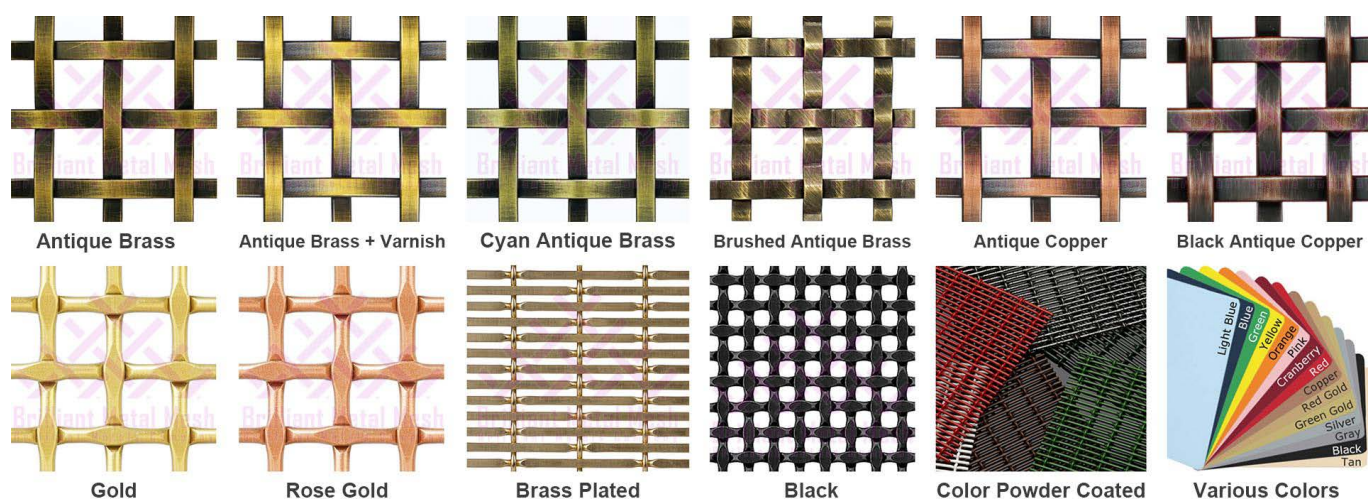
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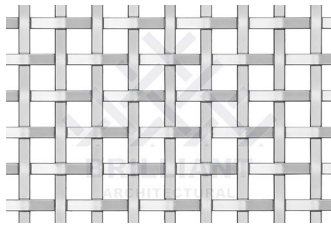


Architectural Crimped Wire Mesh

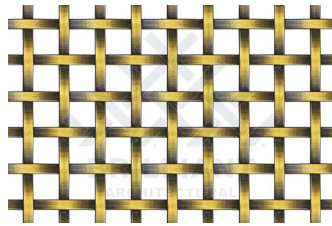
Architectural crimped wire mesh is a type of woven mesh made from metal wires that are pre-crimped before weaving, creating a stable and uniform grid pattern. Its key features include durability, strength, ventilation, and aesthetic appeal.

Common materials include stainless steel, carbon steel, galvanized steel, and aluminum, offering corrosion resistance and versatility. In architectural applications, crimped wire mesh is used for facades, sunscreens, balustrades, partitions, and safety barriers. It provides structural support, enhances design aesthetics, and allows for light and airflow. Its adaptability makes it suitable for both functional and decorative purposes, such as in building exterior and interior designs.

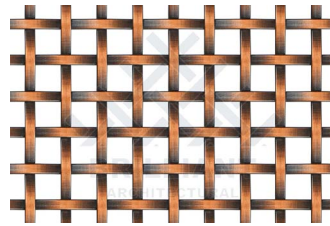




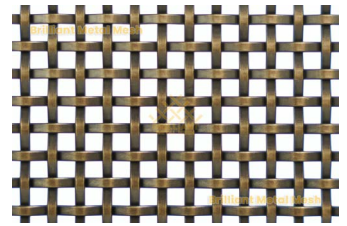
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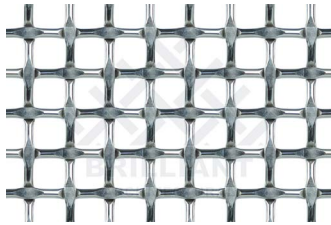
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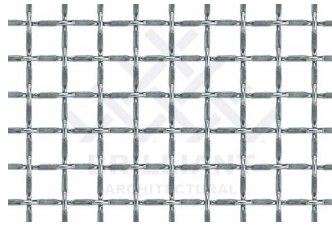
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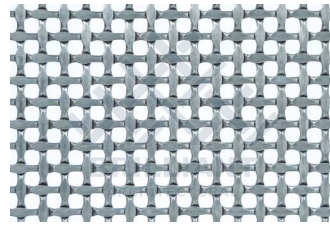
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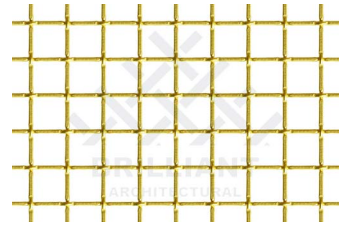
Newton-2809



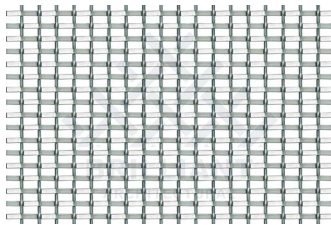
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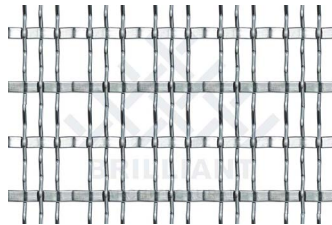
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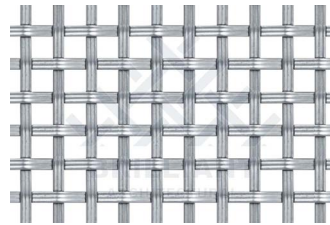
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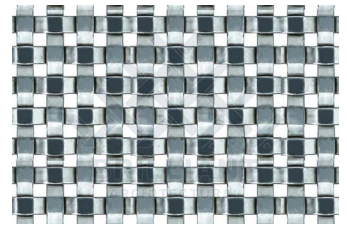
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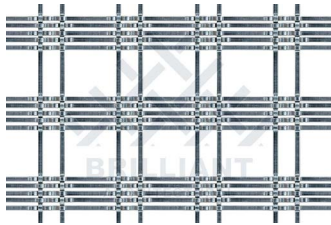
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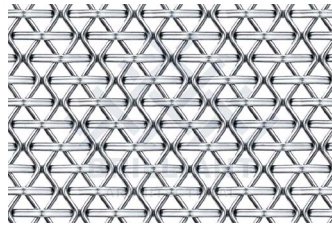
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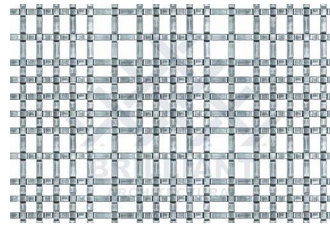
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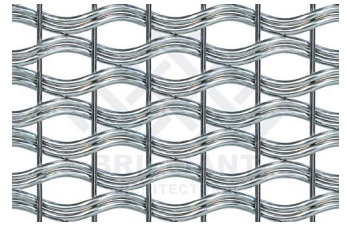
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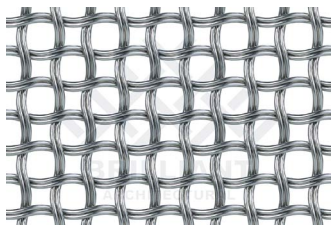
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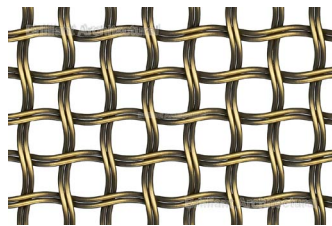
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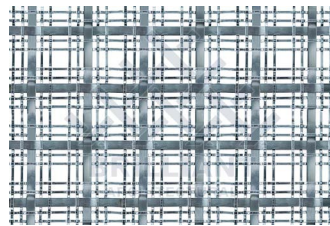
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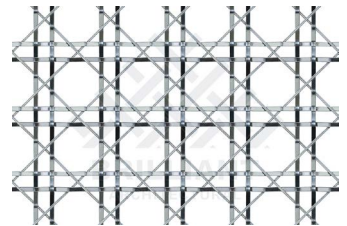
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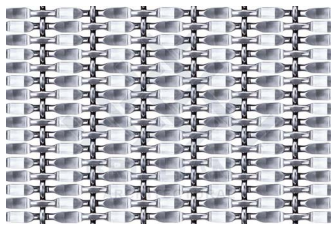
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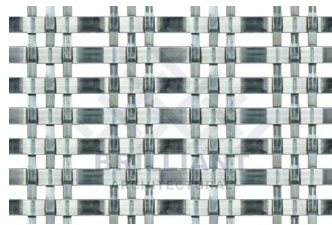
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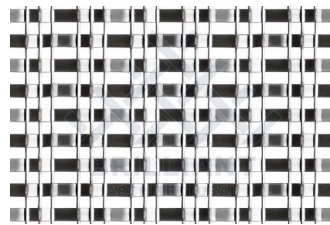
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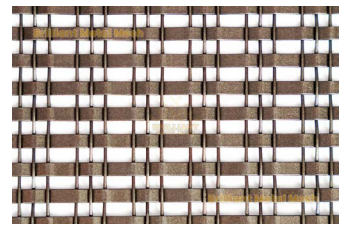
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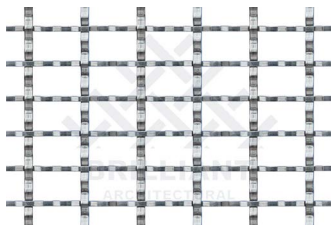
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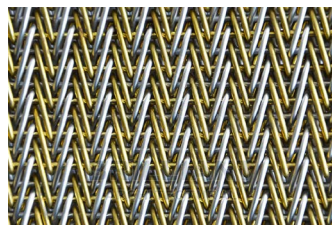
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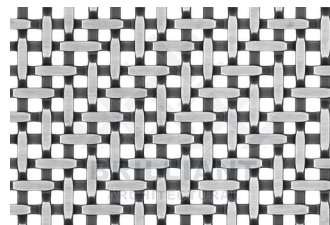
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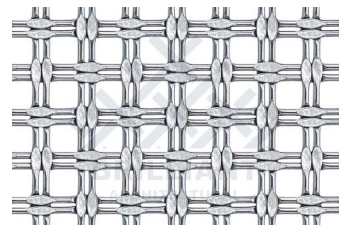
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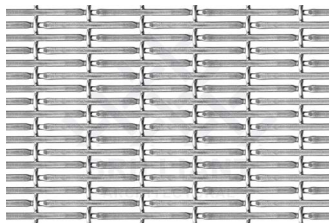
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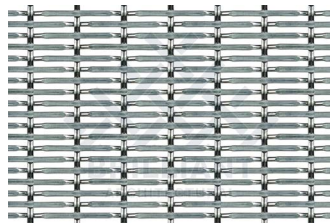
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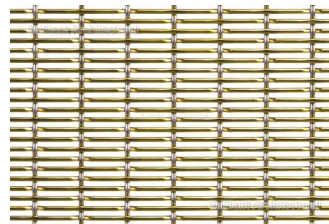
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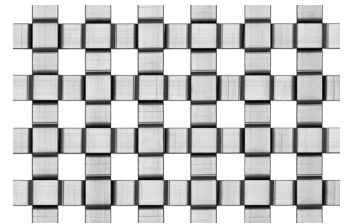
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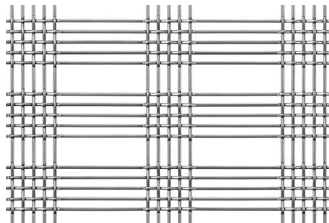
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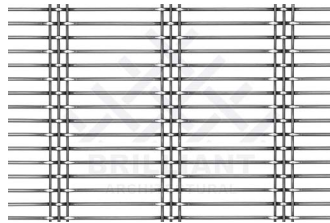
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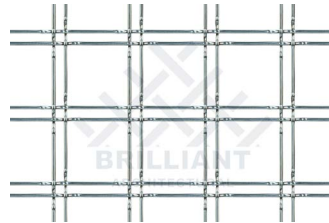
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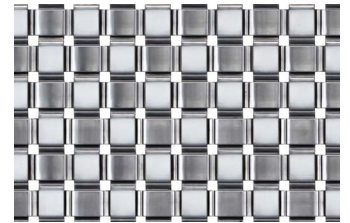
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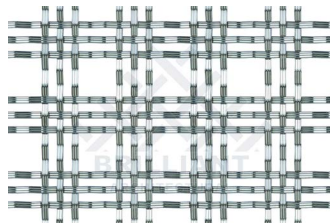
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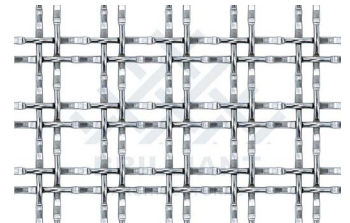
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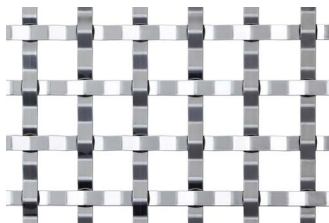
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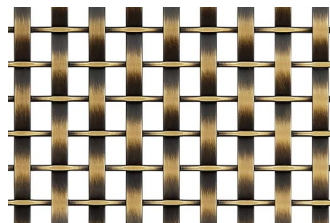
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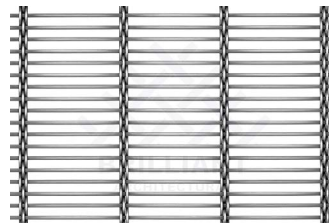
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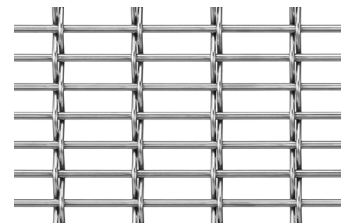
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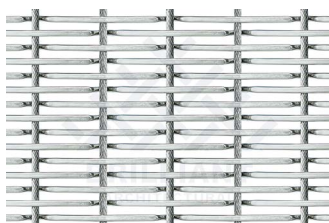
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Euler-2512198



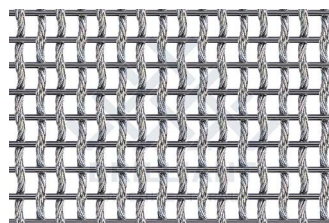
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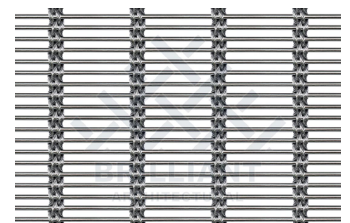
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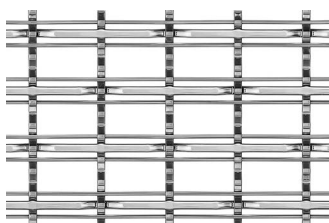
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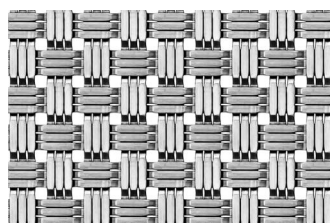
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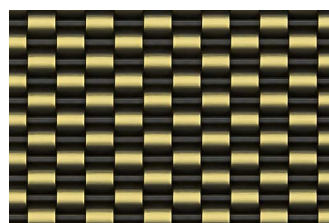
Kepler-9340



Boole-301224



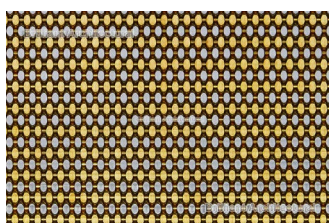
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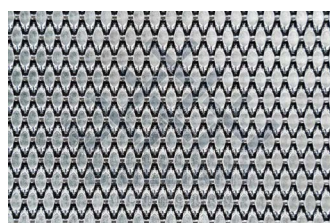
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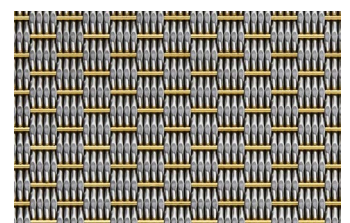
Hahn-280B+S



Hahn-280

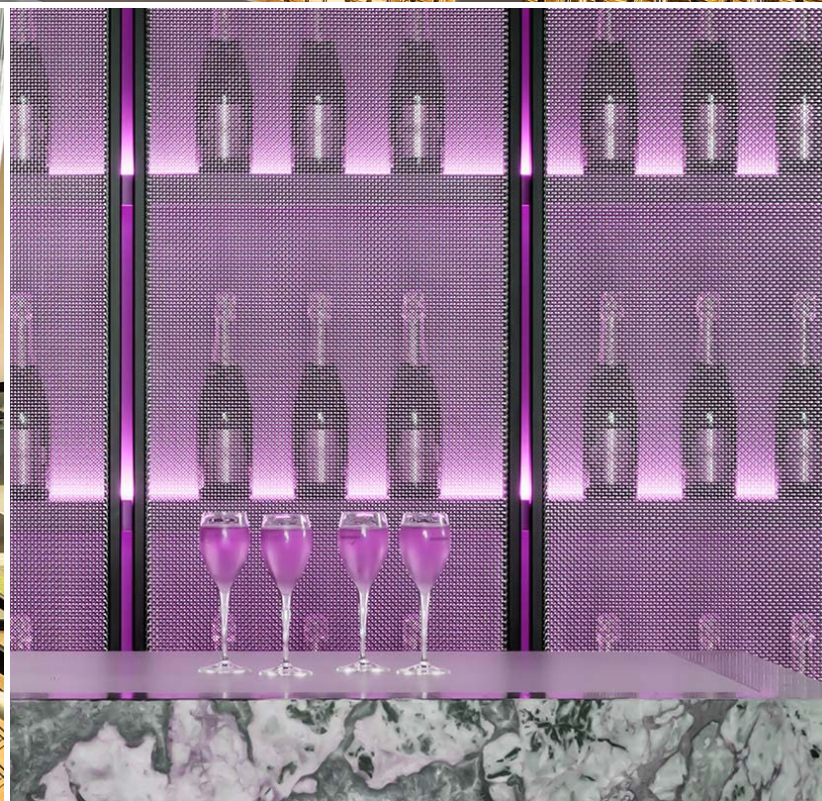


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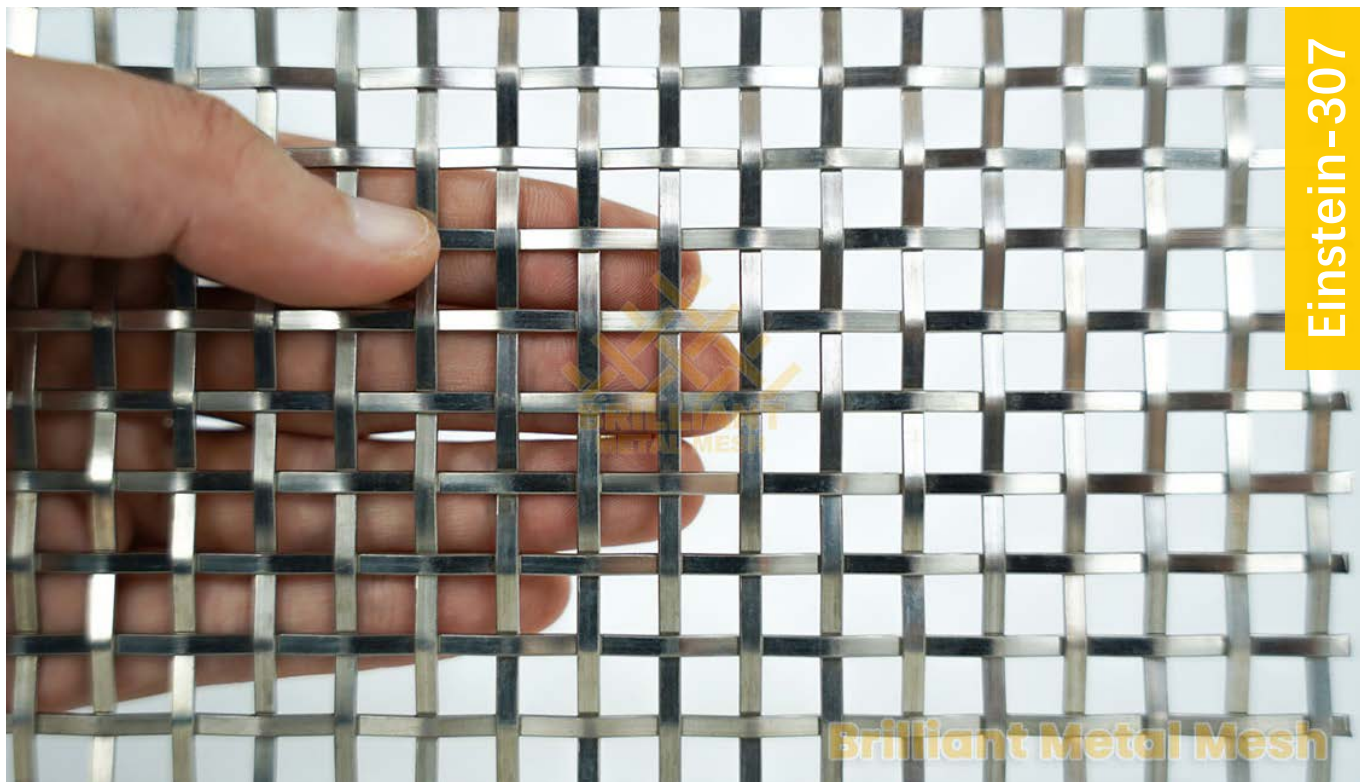
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Enhances Design Aesthetics

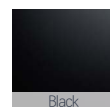
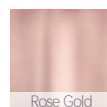
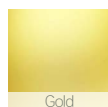
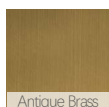
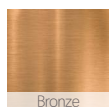


TYPICAL APPLICATIONS

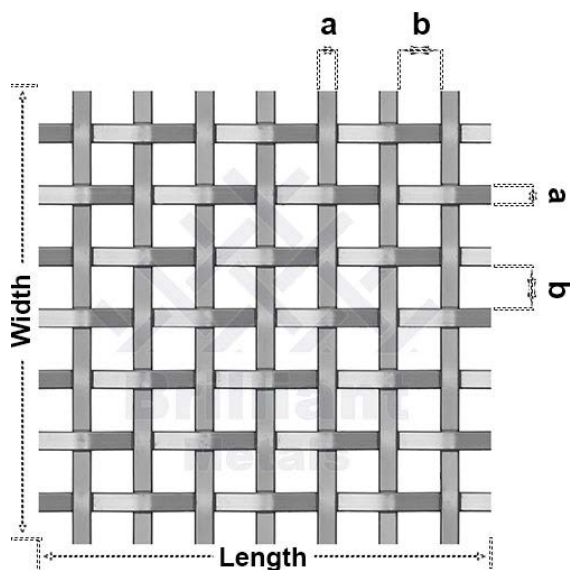
- Façades
- Sun screening
- Security panels
- Balustrade
- Stair/lift enclosures
- Ceiling panels
- Interior & exterior screening
- Fire escape stair cladding
- Wall cladding
- Architectural metalwork
- Cabinet doors
- Inserts for stair railing



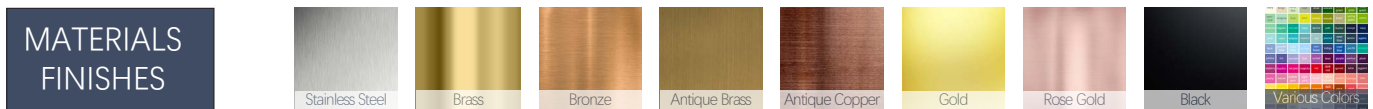
MATERIALS FINISHES



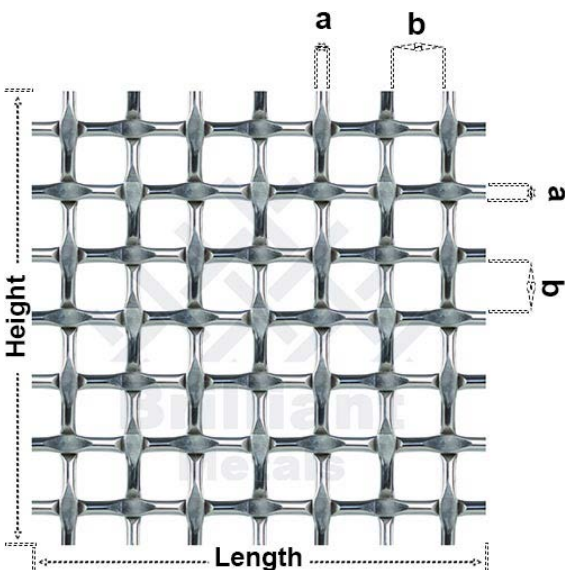
Einstein-307 Specifications



Product Name	Einstein-307	Einstein-310	Einstein-405	Einstein-304	Einstein-305	Einstein-2503
Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Wire Size (a), mm (in)	3 (.118)	3 (.118)	4 (.157)	3 (.118)	3 (.118)	2.5 (.098)
Opening (b), mm (in)	7 (.276)	10 (.394)	5 (.197)	4 (.157)	5 (.197)	3 (.118)
Thickness, mm (in)	2.5 (.098)	3 (.118)	2 (.079)	2.5 (.098)	2 (.079)	2 (.079)
Open Area	50%	60%	33%	31%	40%	30%
Approx. Weight, kg/m ² (lb/ft ²)	5.8 (1.19)	5.6 (1.15)	7.1 (1.45)	8.3 (1.70)	6.3 (1.29)	7.4 (1.52)



Newton-2809 Specifications



Product Name	Newton2809	Newton2509	Newton2310
Material	Stainless Steel	Stainless Steel	Stainless Steel
Wire Diameter (a), mm (in)	2.8 (.11)	2.5 (.098)	2.3 (.09)
Opening (b), mm (in)	9 (.354)	9 (.354)	10 (.394)
Overall thickness, mm (in)	3.4 (.134)	3.2 (.126)	3.0 (.118)
Open Area, %	58	61	66
Approx Weight, kg/m2 (lb/ft2)	7.5 (1.54)	6.7 (1.37)	5.7 (1.17)
Optional Finish	Antique, metal plating, electroplate, powder coating, painting, etc.		
Optional Color	Natural, antique brass, antique copper, gold, rose gold, black, matte, various colors		



MATERIALS FINISHES



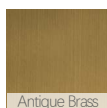
Stainless Steel



Brass



Bronze



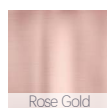
Antique Brass



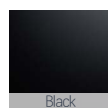
Antique Copper



Gold



Rose Gold

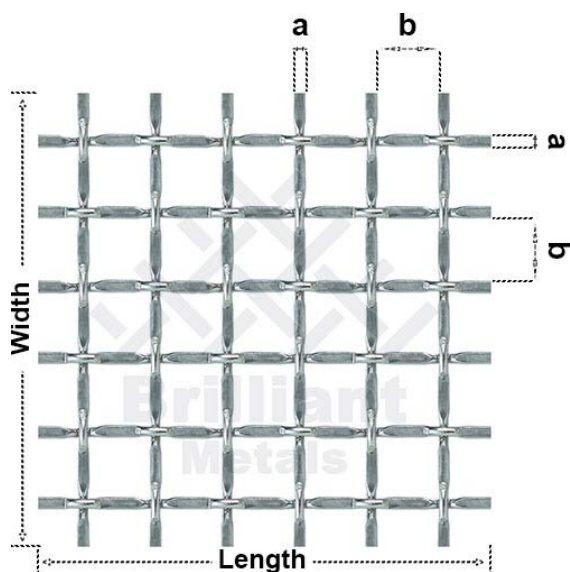


Black



Various Colors

Curie-2310 Specifications



Product Name	Curie-2310
Material	Stainless Steel
Wire Diameter (a), mm (in)	2.3 (.09)
Opening (b), mm (in)	10 (.394)
Overall thickness, mm (in)	3.5 (.138)
Open Area, %	66
Approx. Weight	3 kg/m2 (.614 lb/ft2)
Optional Finish	Antique, metal plating, electroplate, powder coating, painting, matte, etc.
Optional Color	Natural, antique brass, antique copper, gold, rose gold, black, various colors



MATERIALS FINISHES



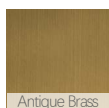
Stainless Steel



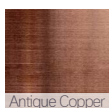
Brass



Bronze



Antique Brass



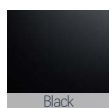
Antique Copper



Gold



Rose Gold

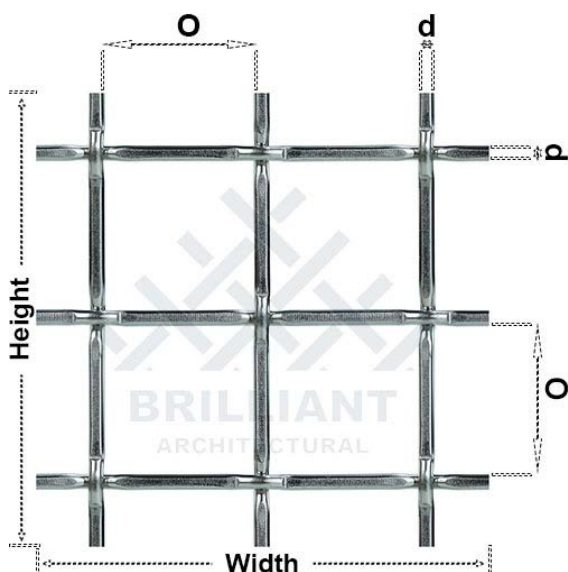


Black



Various Colors

Curie-2019 Specifications



Product Name

Curie-2019

Material

Stainless Steel

Wire Diameter (a), mm (in)

2 (.079)

Opening (b), mm (in)

19 (.75)

Overall thickness, mm (in)

3.5 (.138)

Open Area, %

82

Approx. Weight

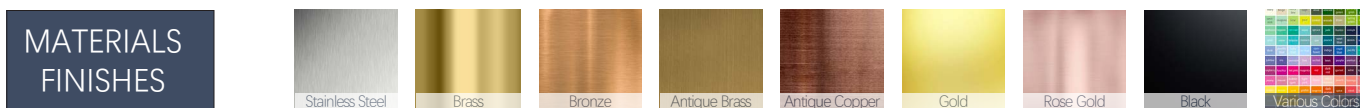
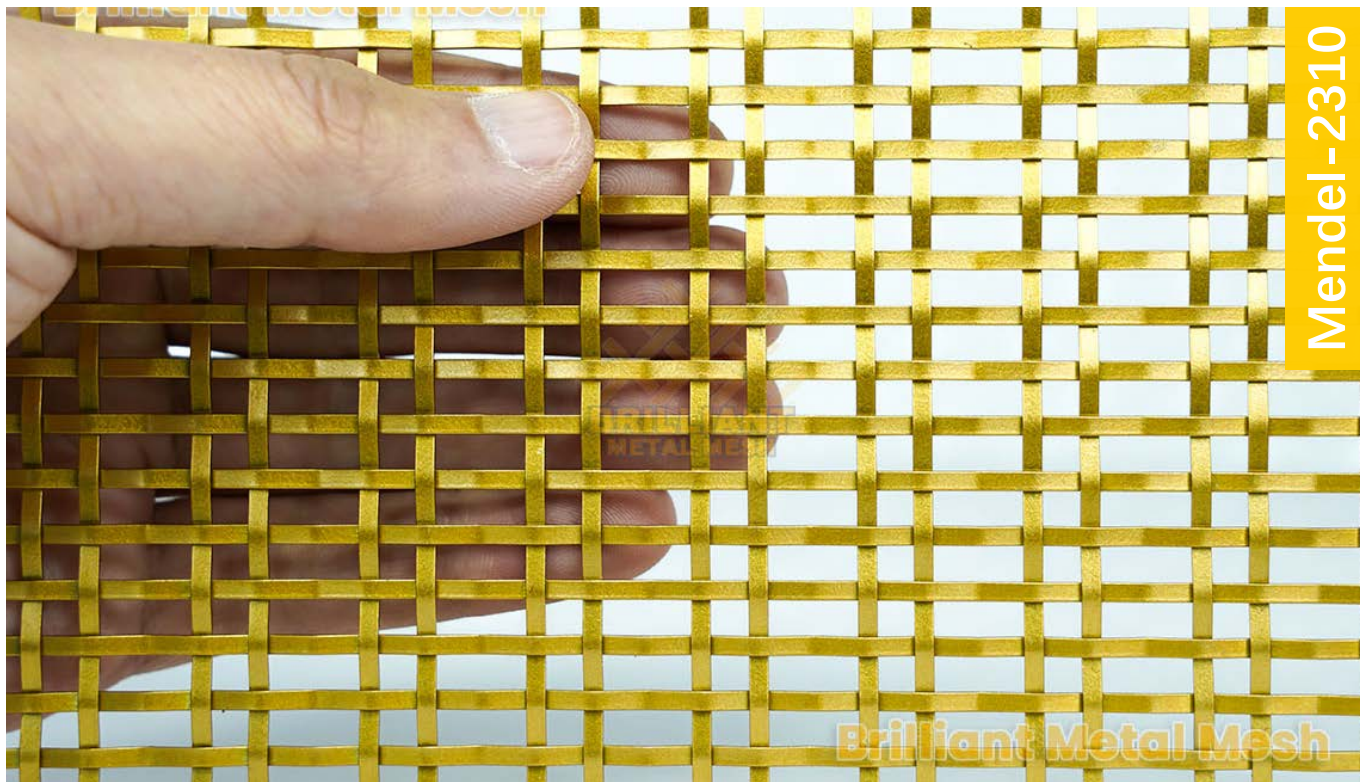
2.8 kg/m2 (.11 lb/ft2)

Optional Finish

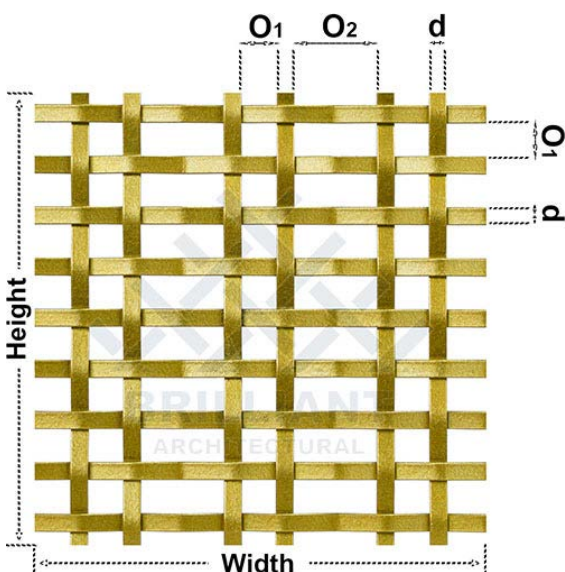
Antique, metal plating, electroplate, powder coating, painting, matte, etc.

Optional Color

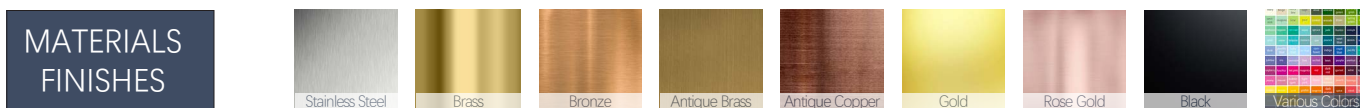
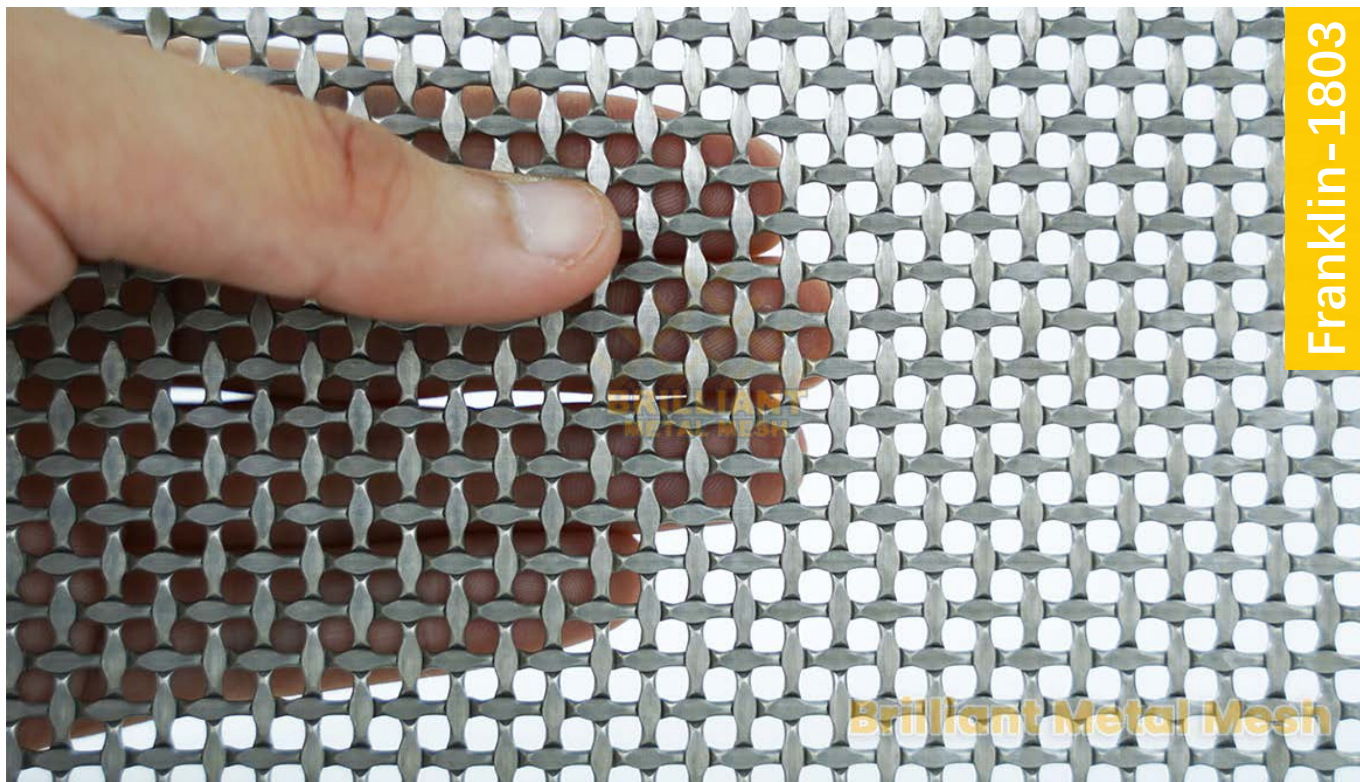
Natural, antique brass, antique copper, gold, rose gold, black, various colors



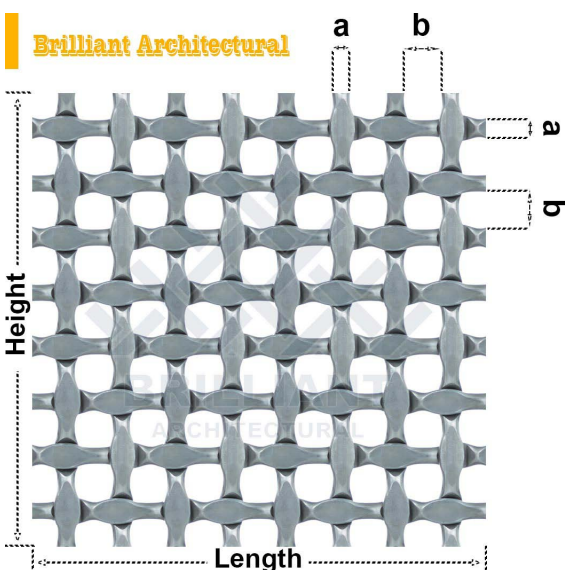
Mendel-2310 Specifications



Product Name	Mendel-2310
Material	Stainless Steel
Wire Size (d), mm (in)	2.3 (.09)
Opening (O1), mm (in)	4 (.157)
Opening (O2), mm (in)	10 (.394)
Overall thickness, mm (in)	2 (.079)
Open Area	48%
Approx. Weight, kg/m2 (lb/ft2)	4.1 (0.84)



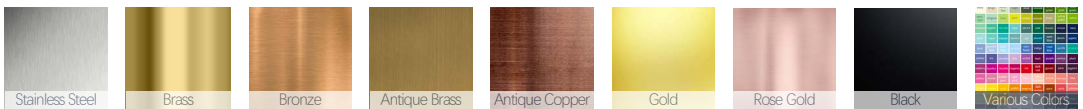
Franklin-1803 Specifications



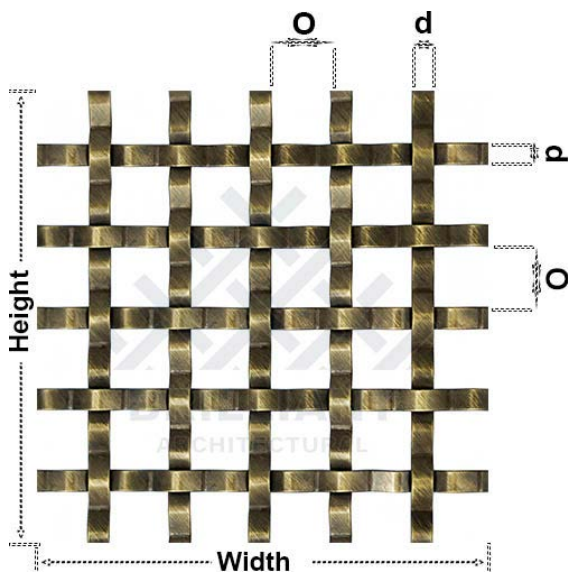
Product Name	Franklin-1803
Material	Stainless Steel
Wire Diameter (a), mm (in)	1.8 (.071)
Opening (b), mm (in)	3.4 (.134)
Overall thickness, mm (in)	1.9 (.075)
Open Area	43%
Approx. Weight	5.94 kg/m2 (1.22 lb/ft2)
Optional Finish	Antique, metal plating, electroplate, powder coating, painting, matte, etc.
Optional Color	Natural, antique brass, antique copper, gold, rose gold, black, various colors



MATERIALS FINISHES



Linnaeus-410 Specifications



Product Name	Linnaeus-410
Material	Stainless Steel
Wire Size (d), mm (in)	4 (.039)
Opening (O), mm (in)	10 (.394)
Overall thickness, mm (in)	3 (.118)
Open Area	51%
Approx. Weight	4.17 kg/m2 (.854 lb/ft2)
Optional Finish	Antique, metal plating, electroplate, powder coating, painting, matte, etc.
Optional Color	Natural, antique brass, antique copper, gold, rose gold, black, various colors



MATERIALS FINISHES



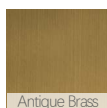
Stainless Steel



Brass



Bronze



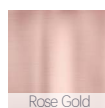
Antique Brass



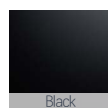
Antique Copper



Gold



Rose Gold

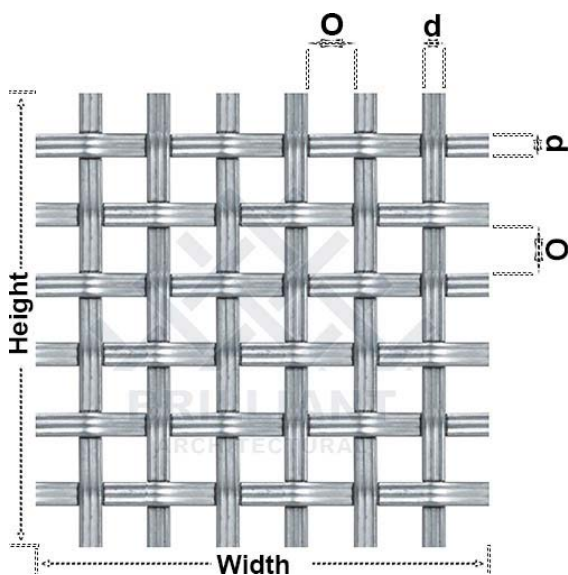


Black

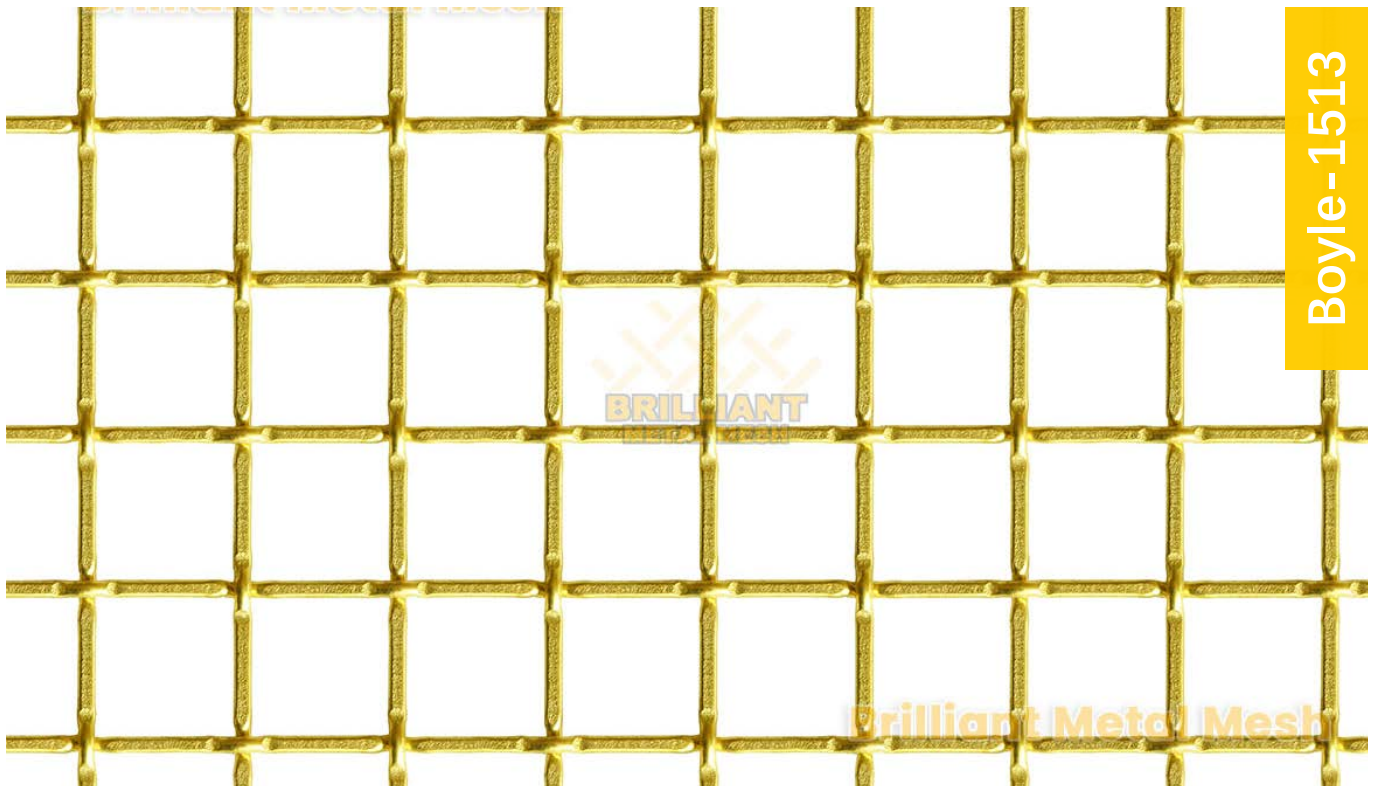


Various Colors

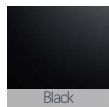
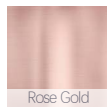
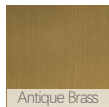
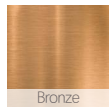
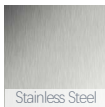
Landau-2805 Specifications



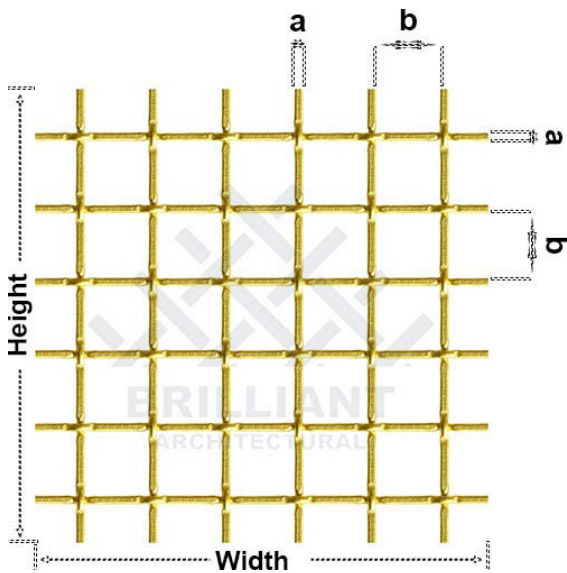
Product Name	Landau-2805
Material	Stainless Steel
Wire Size (d), mm (in)	2.8 (.051)
Opening (O), mm (in)	5.5 (.217)
Overall thickness, mm (in)	2 (.079)
Open Area	42%
Approx. Weight, kg/m2 (lb/ft2)	4.83 (.99)
Optional Finish	Antique, metal plating, electroplate, powder coating, painting, matte, etc.
Optional Color	Natural, antique brass, antique copper, gold, rose gold, black, various colors



MATERIALS FINISHES



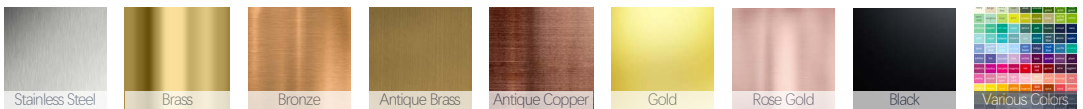
Boyle-1513 Specifications



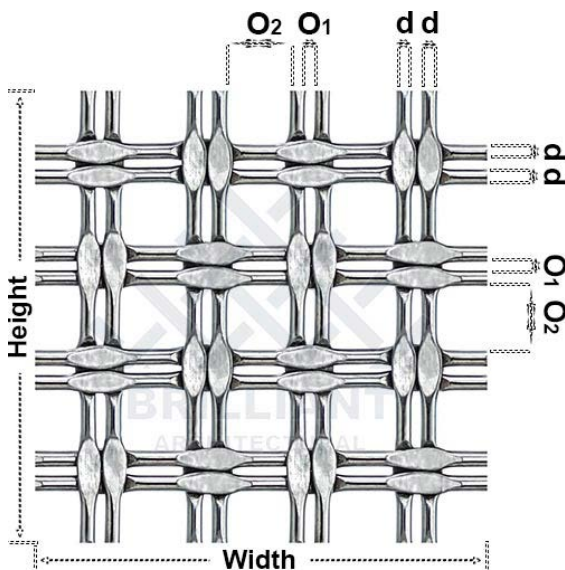
Product Name	Boyle-1513
Material	SS 304/316, Brass
Wire Size (a), mm (in)	1.5 (.059)
Opening (b), mm (in)	12.5 (.492)
Overall thickness, mm (in)	3 (.118)
Open Area, %	80
Approx. Weight	2.2 kg/m2 (.451 lb/ft2)
Optional Finish	Antique, metal plating, electroplate, powder coating, painting, matte, etc.
Optional Color	Natural, antique brass, antique copper, gold, rose gold, black, various colors



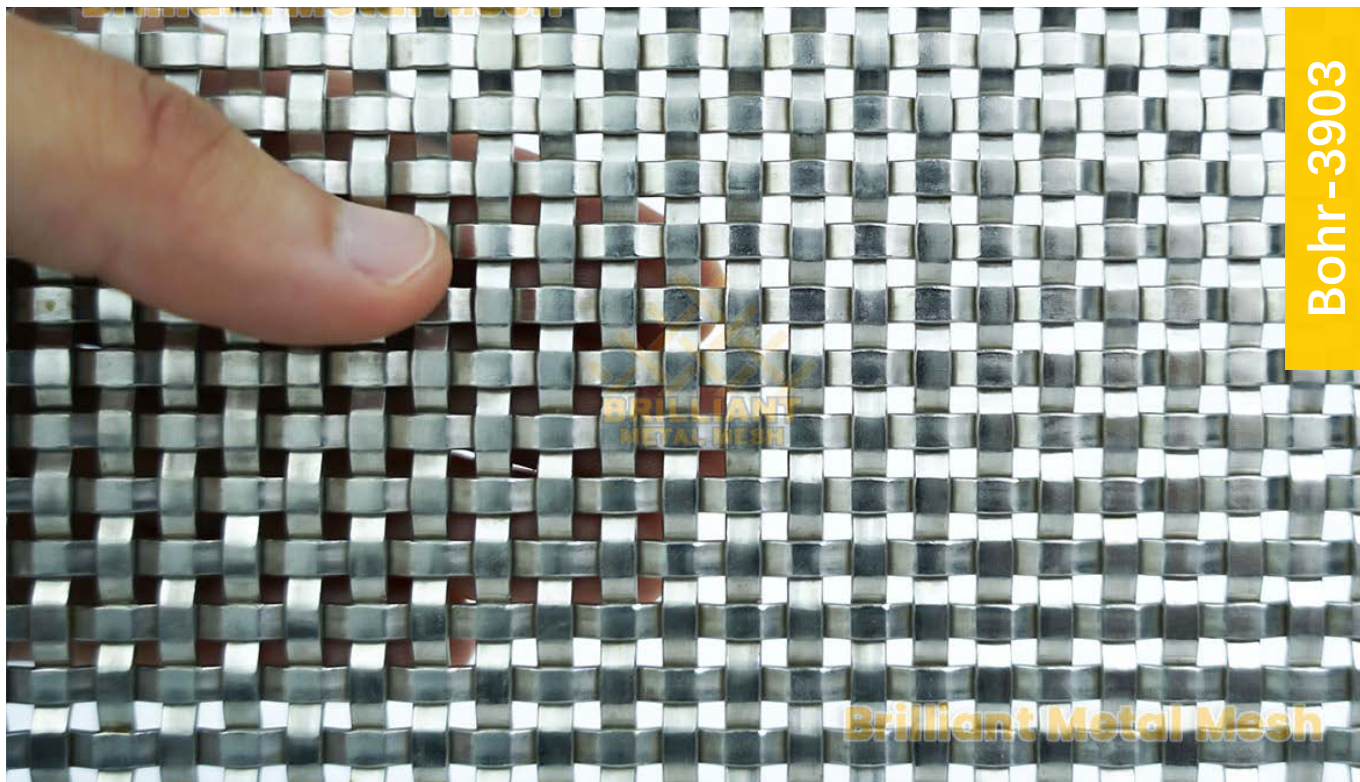
MATERIALS FINISHES



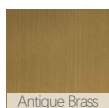
Volta-208 Specifications



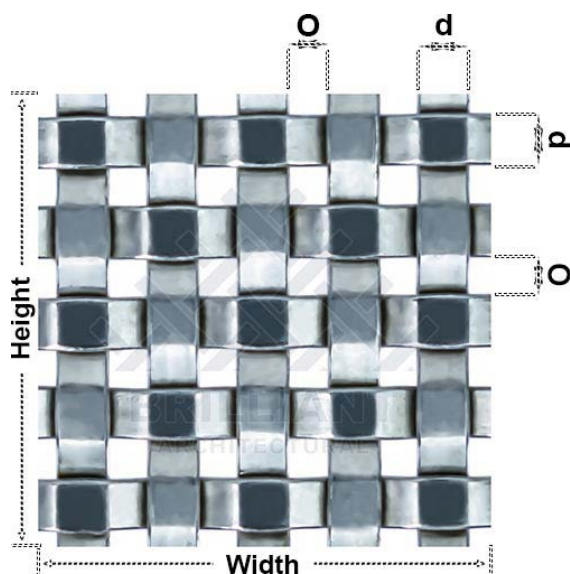
Product Name	Volta-208
Material	Stainless Steel
Wire Size (d1), mm (in)	2 (.079)
Opening (O1), mm (in)	1 (.039)
Opening (O2), mm (in)	8 (.315)
Overall thickness, mm (in)	2.5 (.098)
Open Area	44%
Approx. Weight	7.27 kg/m2 (1.5 lb/ft2)
Optional Finish	Antique, metal plating, electroplate, powder coating, painting, matte, etc.
Optional Color	Natural, antique brass, antique copper, gold, rose gold, black, various colors



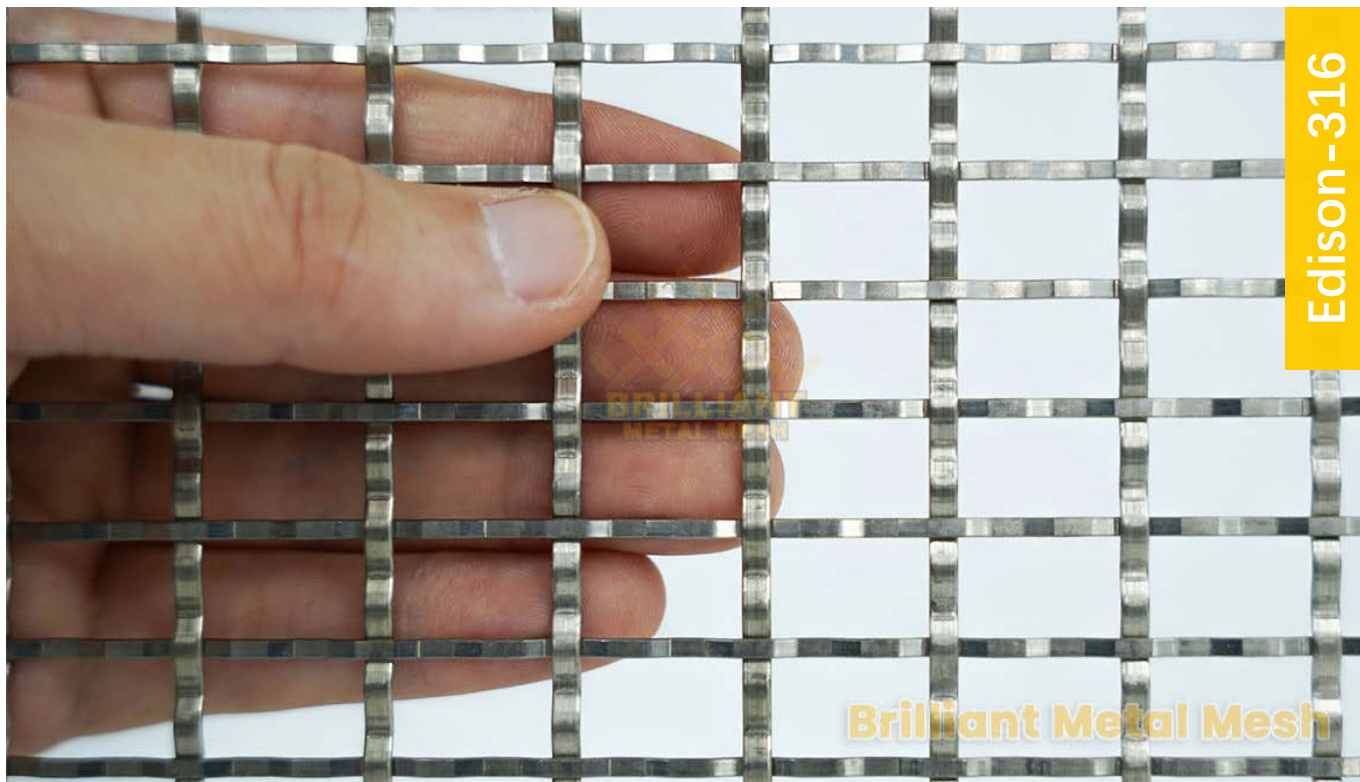
MATERIALS FINISHES



Bohr-3903 Specifications



Product Name	Bohr-3903
Material	Stainless Steel
Wire Size (d), mm (in)	3.9 (.154)
Opening (O), mm (in)	2.7 (.106)
Overall thickness, mm (in)	2.7 (.106)
Open Area	16.70%
Approx. Weight, kg/m ² (lb/ft ²)	12.8 (2.62)
Optional Finish	Antique, metal plating, electroplate, powder coating, painting, matte, etc.
Optional Color	Natural, antique brass, antique copper, gold, rose gold, black, various colors



MATERIALS FINISHES



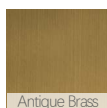
Stainless Steel



Brass



Bronze



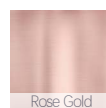
Antique Brass



Antique Copper



Gold



Rose Gold

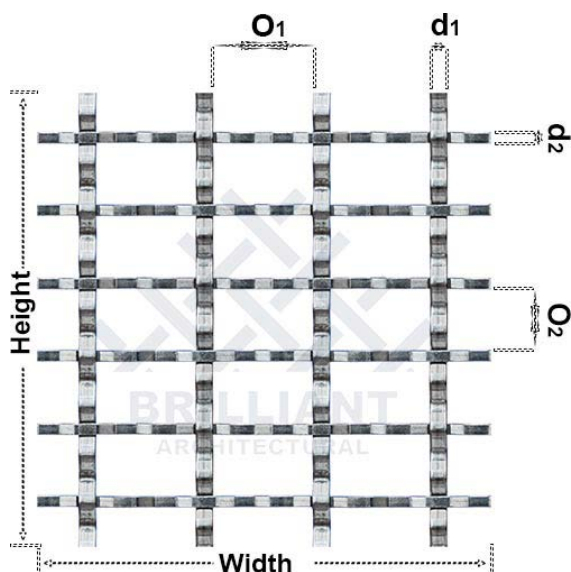


Black



Various Colors

Edison-316 Specifications



Product Name

Bohr-3903

Material

Stainless Steel

Wire Size (d), mm (in)

3.9 (.154)

Opening (O), mm (in)

2.7 (.106)

Overall thickness, mm (in)

2.7 (.106)

Open Area

16.70%

Approx. Weight, kg/m2 (lb/ft2)

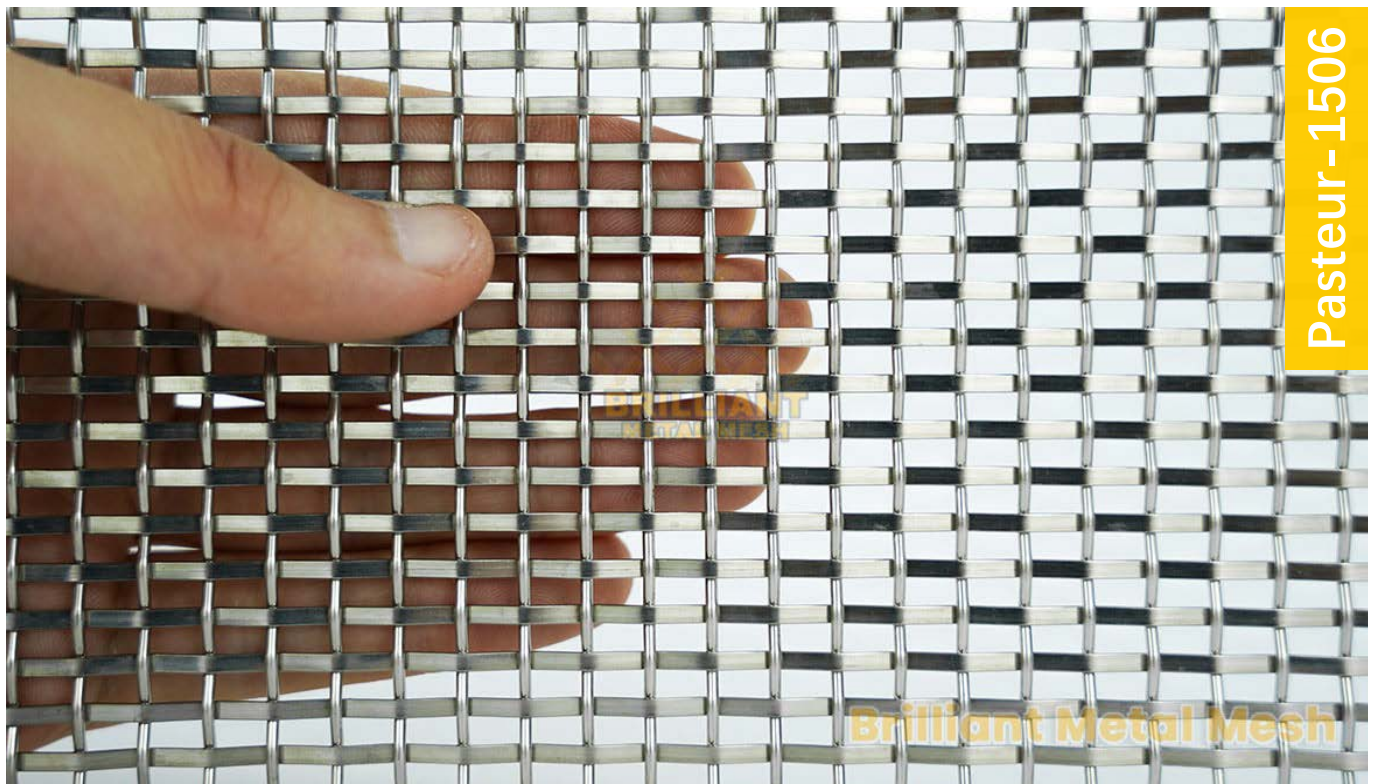
12.8 (2.62)

Optional Finish

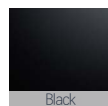
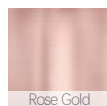
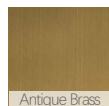
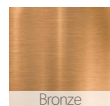
Antique, metal plating, electroplate, powder coating, painting, matte, etc.

Optional Color

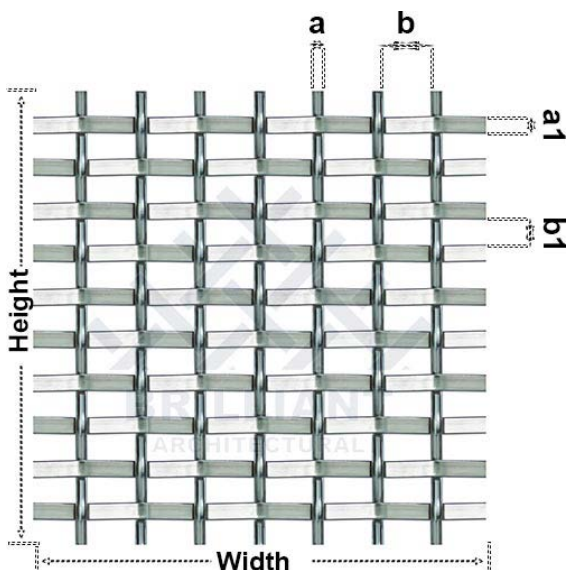
Natural, antique brass, antique copper, gold, rose gold, black, various colors



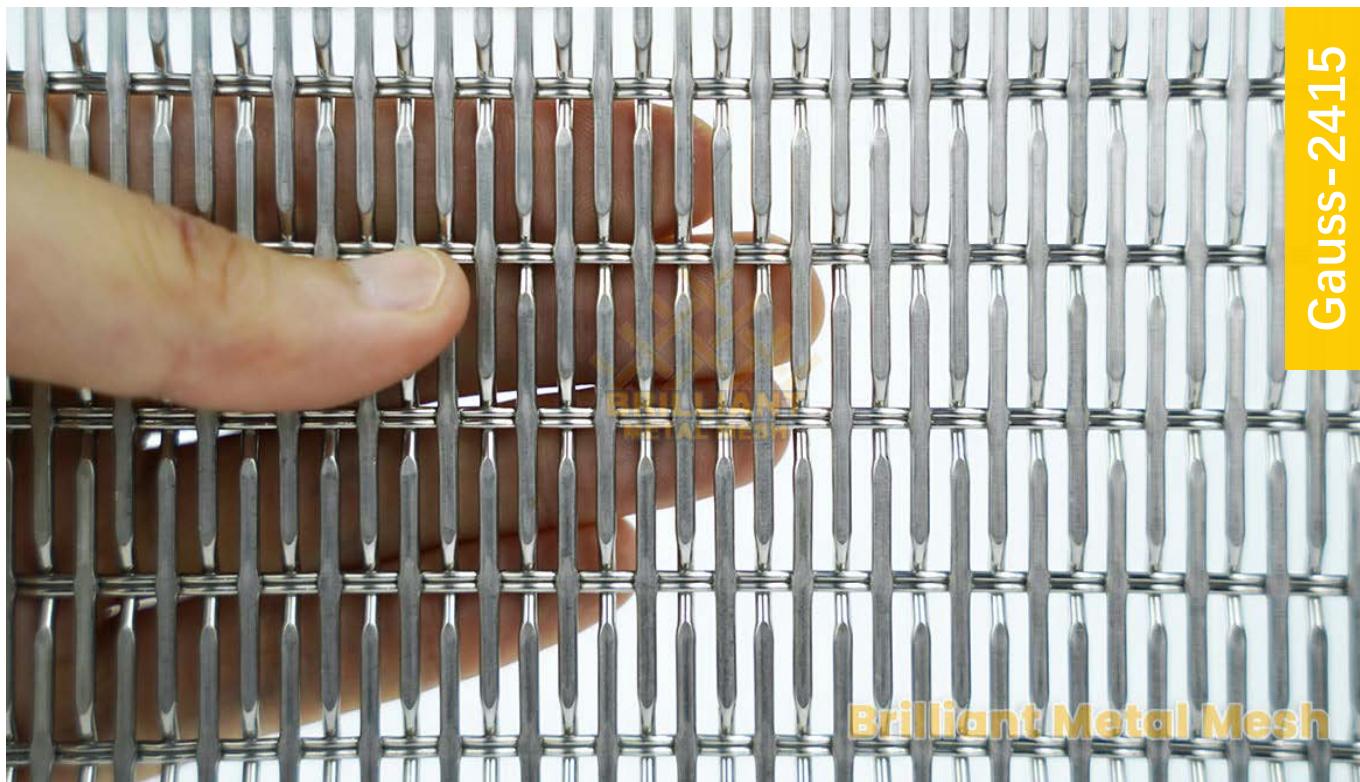
MATERIALS FINISHES



Pasteur-1506 Specifications



Product Name	Pasteur-1506
Material	Stainless Steel
Wire Size (a), mm (in)	1.45 (.297)
Opening (b), mm (in)	5.6 (.492)
Wire Size (a1), mm (in)	2.1 (.083)
Opening (b1), mm (in)	3 (.118)
Thickness, mm (in)	2.7 (.107)
Open Area	46%
Approx. Weight	4.5 kg/m2 (0.92 lb/ft2)
Optional Finish	Antique, metal plate, electroplate, powder coating, painting, matte, etc.
Optional Color	Natural, antique brass, antique copper, gold, rose gold, black, etc.



MATERIALS FINISHES



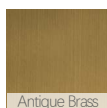
Stainless Steel



Brass



Bronze



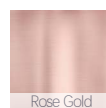
Antique Brass



Antique Copper



Gold



Rose Gold

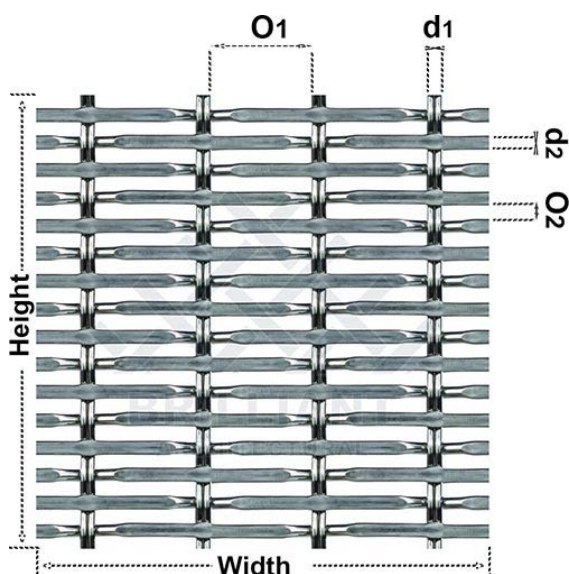


Black



Various Colors

Gauss-2415 Specifications



Product Name

Gauss-2415

Material

Stainless Steel

Wire Size (d1), mm (in)

2.4 (.094)

Wire Size (d2), mm (in)

2 (.079)

Opening (O1), mm (in)

15 (.59)

Opening (O2), mm (in)

2 (.079)

Overall thickness, mm (in)

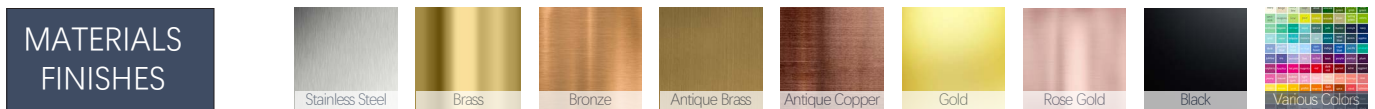
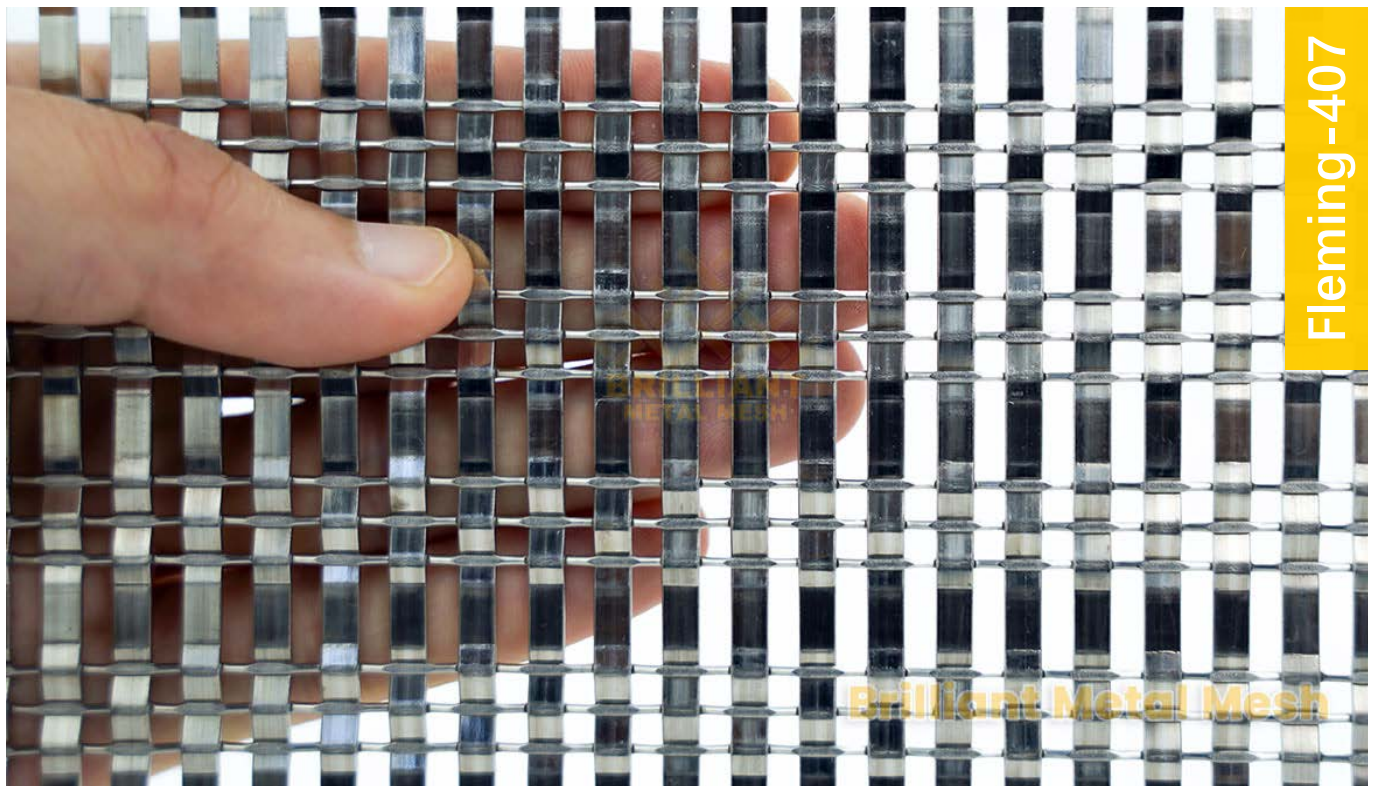
3.5 (.138)

Open Area

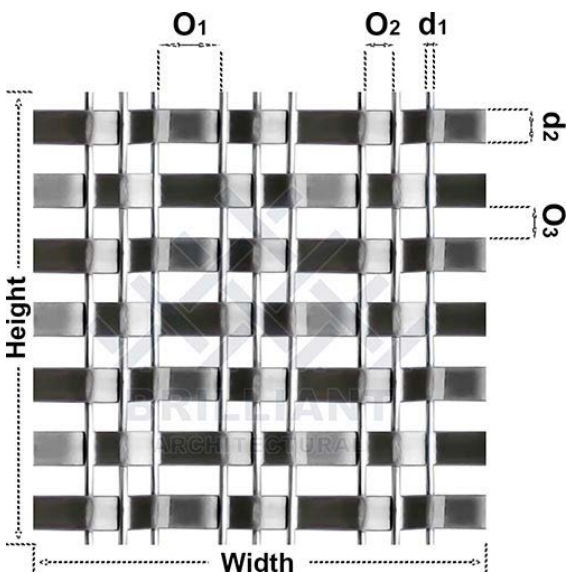
43%

Approx. Weight, kg/m2 (lb/ft2)

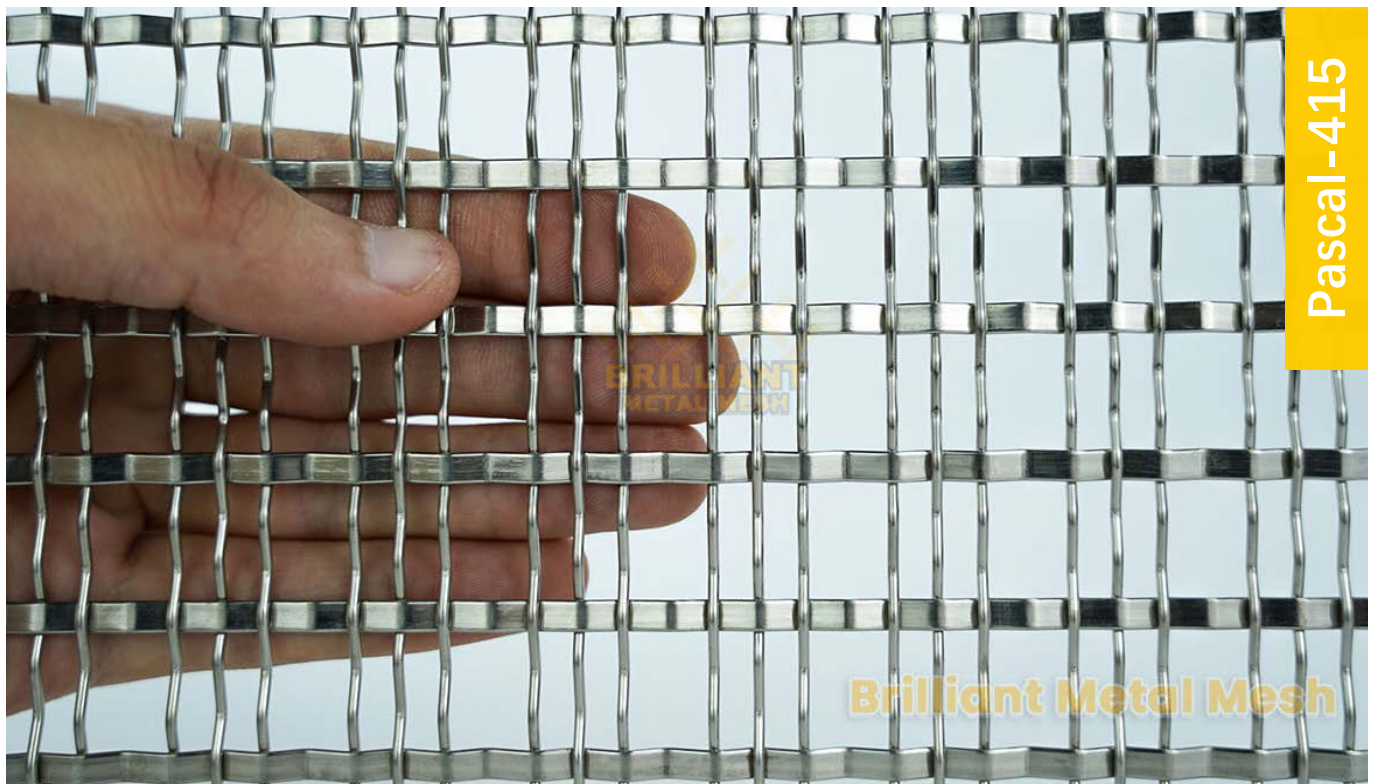
6.42 (1.31)



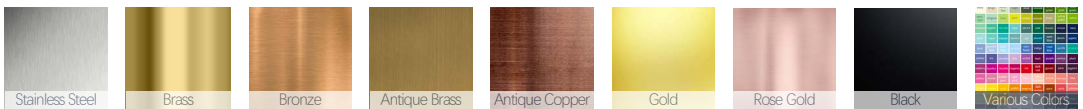
Fleming-407 Specifications



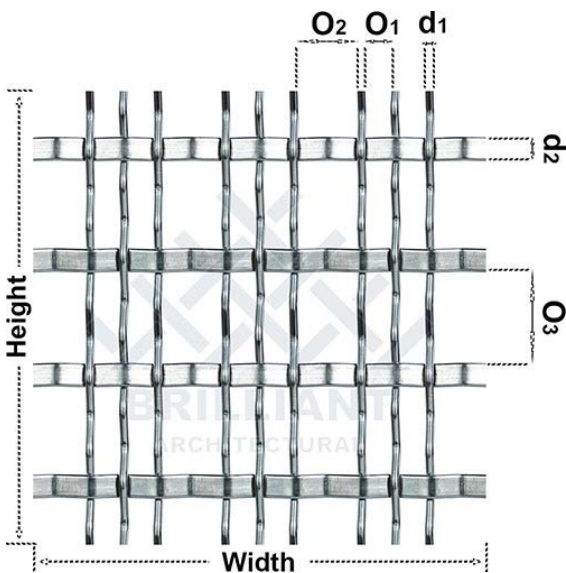
Product Name	Fleming-407
Material	Stainless Steel
Wire Size (d1), mm (in)	1 (.039)
Wire Size (d2), mm (in)	4 (.157)
Opening (O1), mm (in)	10 (.394)
Opening (O2), mm (in)	3 (.118)
Opening (O3), mm (in)	3 (.118)
Overall thickness, mm (in)	2 (.079)
Open Area	42%
Approx. Weight, kg/m2 (lb/ft2)	5.1 (1.17)



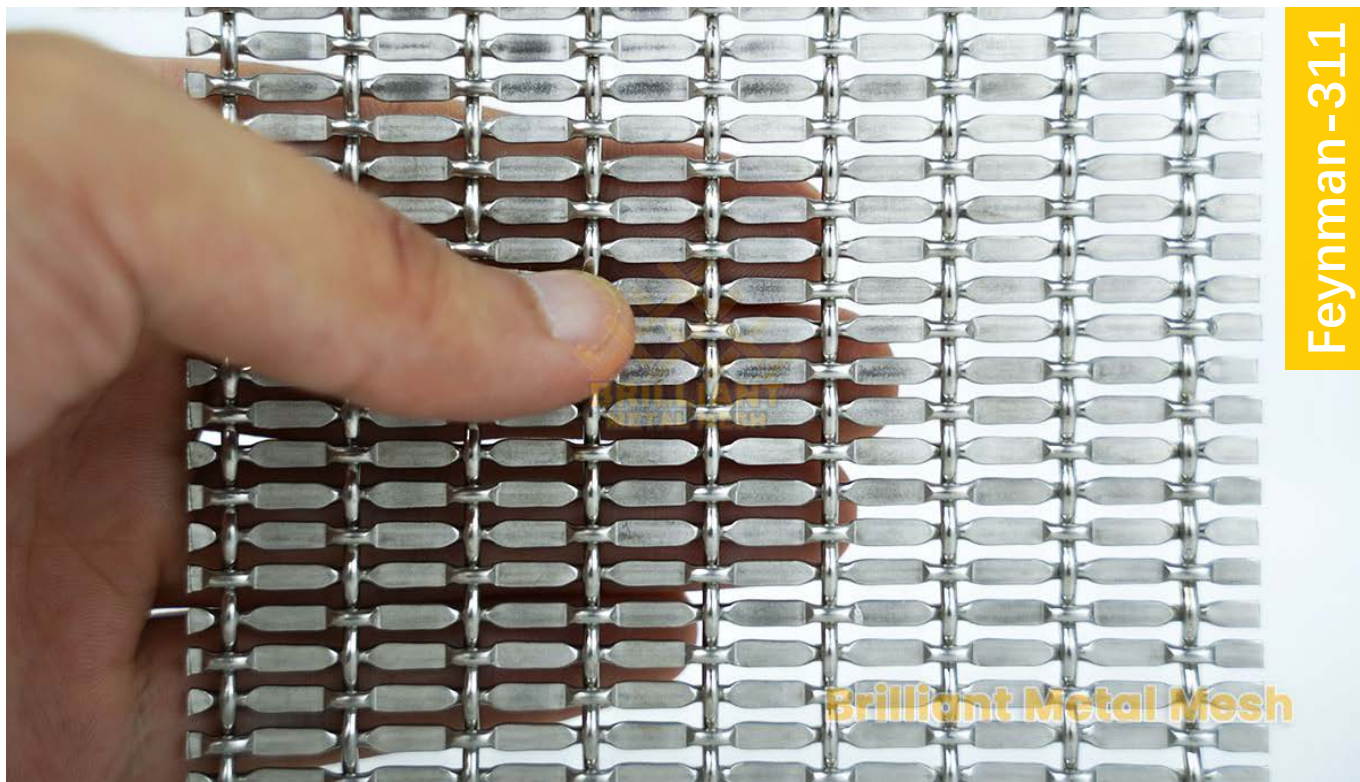
MATERIALS FINISHES



Pascal-415 Specifications



Product Name	Pascal-415
Material	Stainless Steel
Wire Size (d1), mm (in)	1.45 (.057)
Wire Size (d2), mm (in)	4 (.157)
Opening (O1), mm (in)	4 (.157)
Opening (O2), mm (in)	10 (.394)
Opening (O3), mm (in)	15 (.59)
Overall thickness, mm (in)	2.8 (.11)
Open Area	63%
Approx. Weight, kg/m2 (lb/ft2)	3.7 (.76)



MATERIALS FINISHES



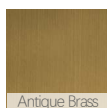
Stainless Steel



Brass



Bronze



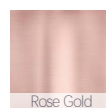
Antique Brass



Antique Copper



Gold



Rose Gold

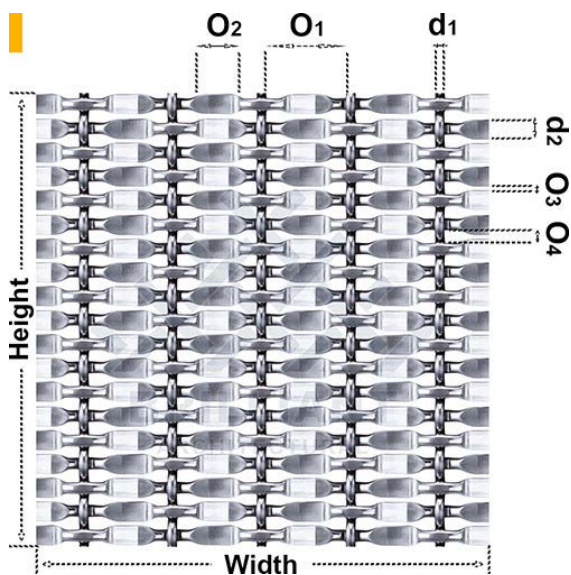


Black



Various Colors

Feynman-311 Specifications



Product Name

Feynman-311

Material

SS 304/316

Wire Size (d1), mm (in)

1.8 (.071)

Wire Size (d2), mm (in)

3 (.118)

Opening (O1), mm (in)

10.5 (.413)

Opening (O2), mm (in)

7 (.276)

Overall thickness, mm (in)

3.5 (.138)

Open Area

28%

Approx. Weight, kg/m2 (lb/ft2)

7 (1.43)



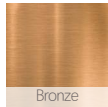
MATERIALS FINISHES



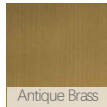
Stainless Steel



Brass



Bronze



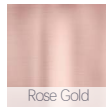
Antique Brass



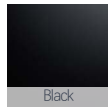
Antique Copper



Gold



Rose Gold

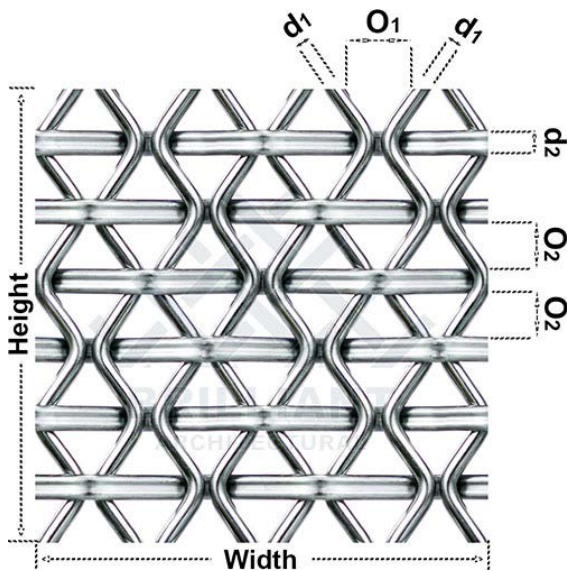


Black

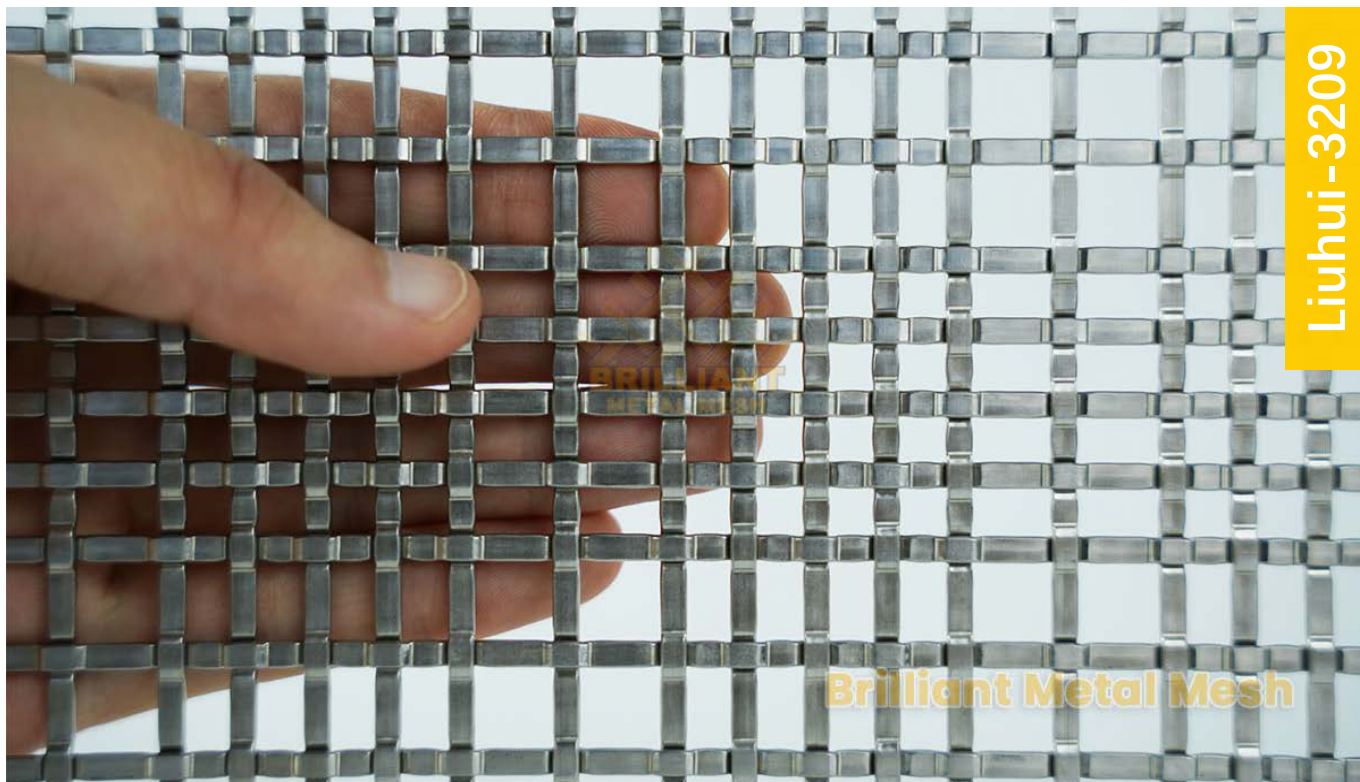


Various Colors

Dirac-2408 Specifications



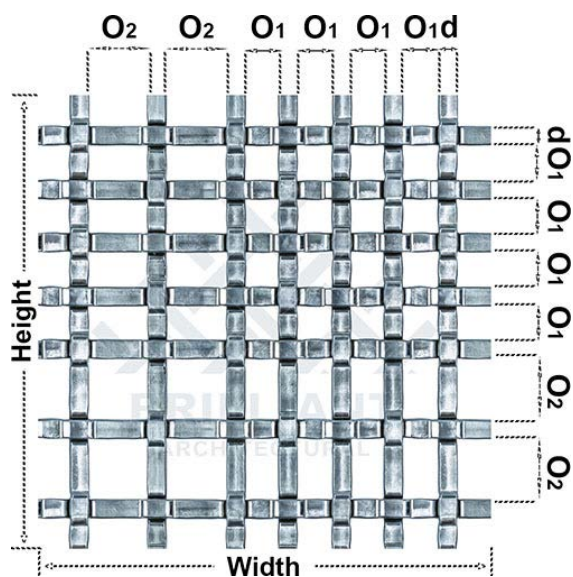
Product Name	Dirac-2408
Material	SS 304/316
Wire Size (d1), mm (in)	2 (.079)
Wire Size (d2), mm (in)	2.4 (.094)
Opening (O1), mm (in)	7 (.276)
Opening (O2), mm (in)	4 (.157)
Overall thickness, mm (in)	4.5 (.177)
Open Area	41%
Approx. Weight, kg/m2 (lb/ft2)	7.3 (1.5)



MATERIALS FINISHES



Liuhui-3209 Specifications



Product Name

Liuhui-3209

Material

Stainless Steel

Wire Size (d), mm (in)

3.2 (.126)

Opening (O1), mm (in)

4.8 (.189)

Opening (O2), mm (in)

9 (.354)

Overall thickness, mm (in)

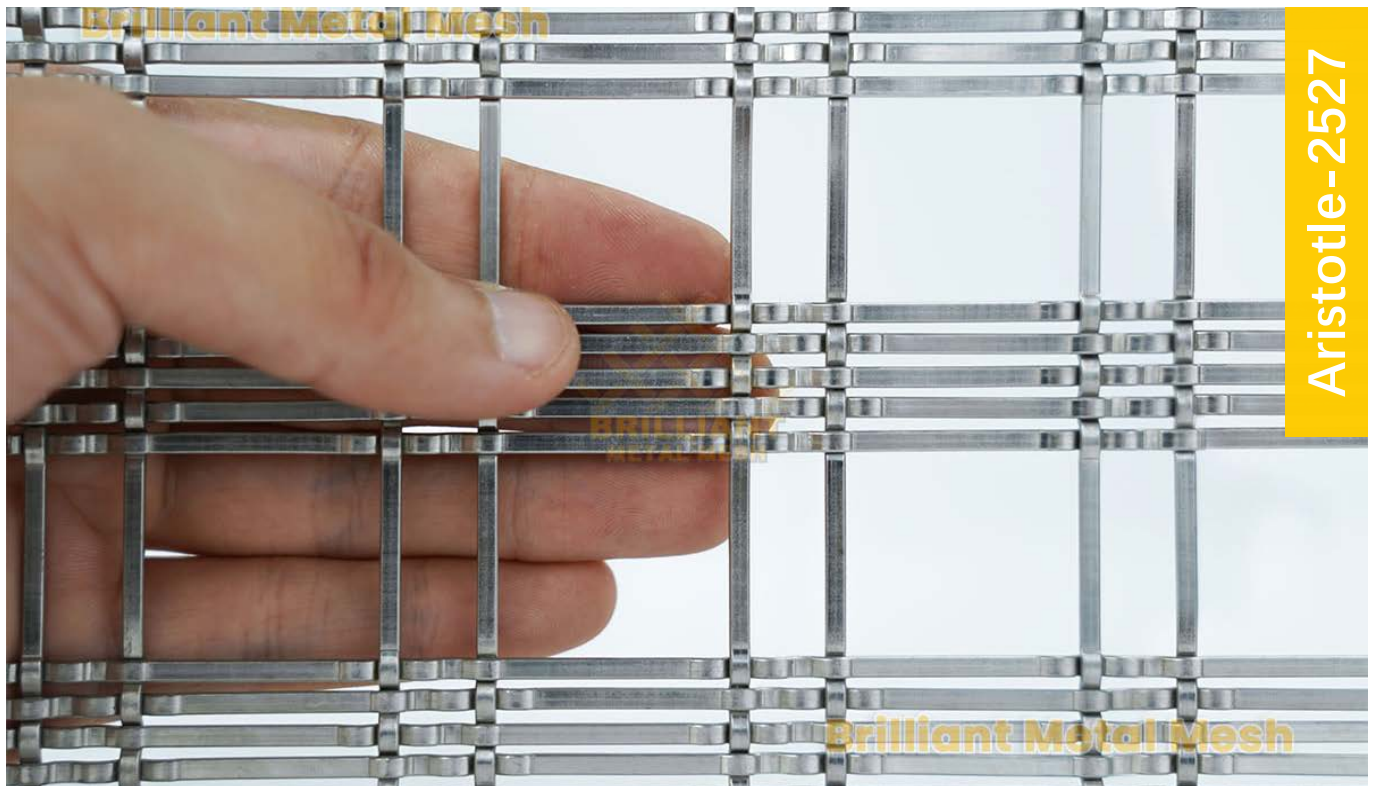
3 (.118)

Open Area

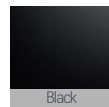
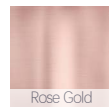
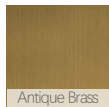
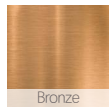
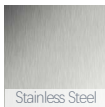
56%

Approx. Weight, kg/m2 (lb/ft2)

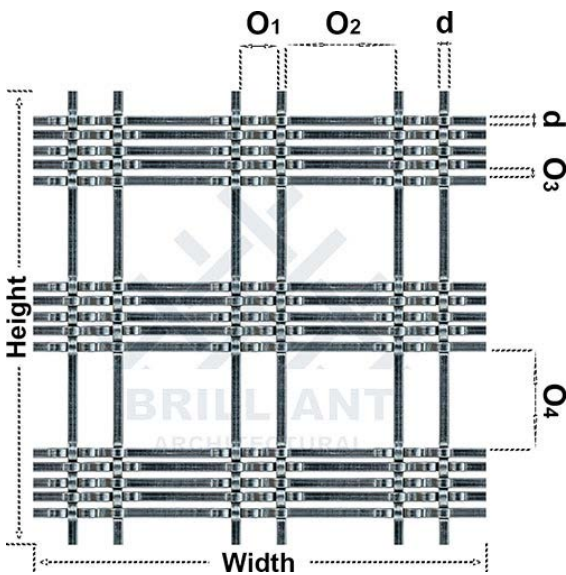
7 (1.43)



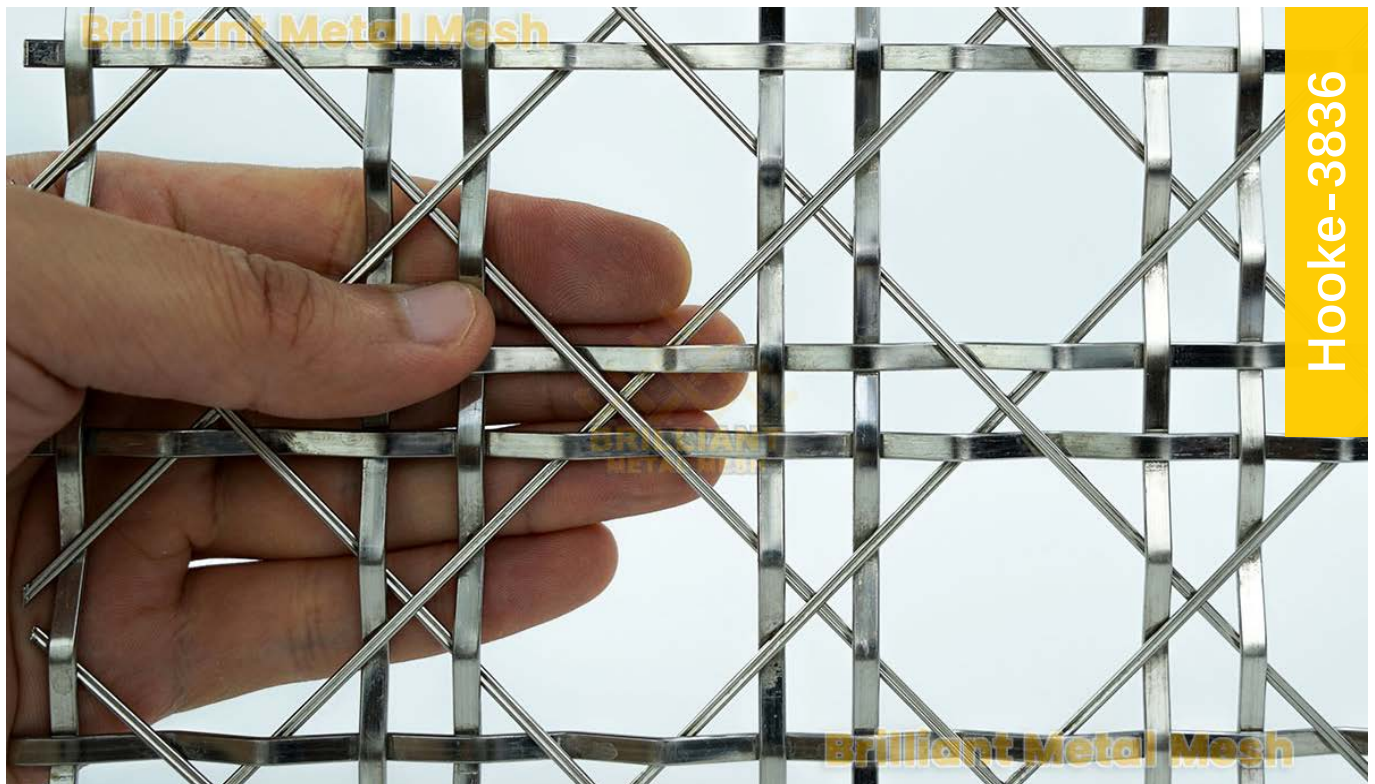
MATERIALS FINISHES



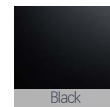
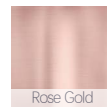
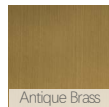
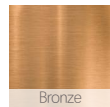
Aristotle-2527 Specifications



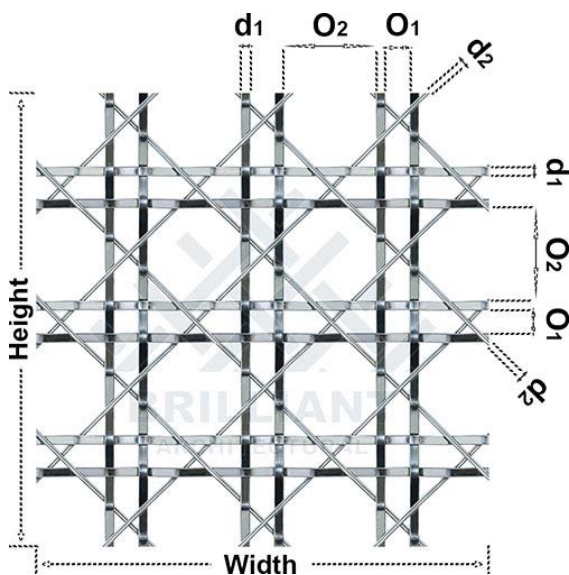
Product Name	Aristotle-3903
Material	SS 304/316
Wire Size (d), mm (in)	2.5 (.098)
Opening (O1), mm (in)	9 (.354)
Opening (O2), mm (in)	27 (1.06)
Opening (O3), mm (in)	1 (.039)
Overall thickness, mm (in)	3 (.118)
Open Area	60%
Approx. Weight, kg/m2 (lb/ft2)	5.14 (1.05)



MATERIALS FINISHES



Hooke-3836 Specifications



Product Name

Hooke-3836

Material

Stainless Steel

Wire Size (d1)

3.8 mm (.15 in)

Opening (O1)

9 mm (0.35 in)

Wire Size (d2)

2.0 mm (.079 in)

Opening (O2)

36 mm (1.42 in)

Overall thickness

5 mm (0.2 in)

Open Area

76%

Approx. Weight, kg/m2 (lb/ft2)

4.6 (0.94)



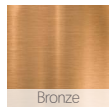
MATERIALS FINISHES



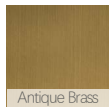
Stainless Steel



Brass



Bronze



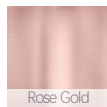
Antique Brass



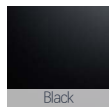
Antique Copper



Gold



Rose Gold

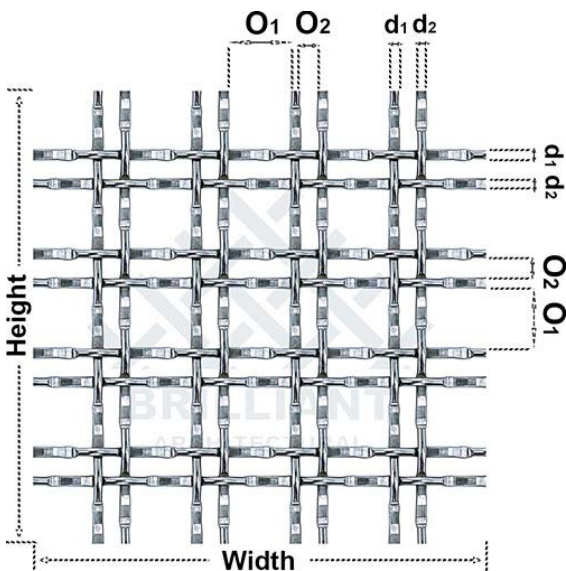


Black



Various Colors

Archimedes-2413 Specifications



Product Name

Archimedes-2413

Material

Stainless Steel

Wire Size (d1)

2 mm (.079 in)

Opening (O1)

13 mm (.512 in)

Opening (O2)

4 mm (.157 in)

Overall thickness

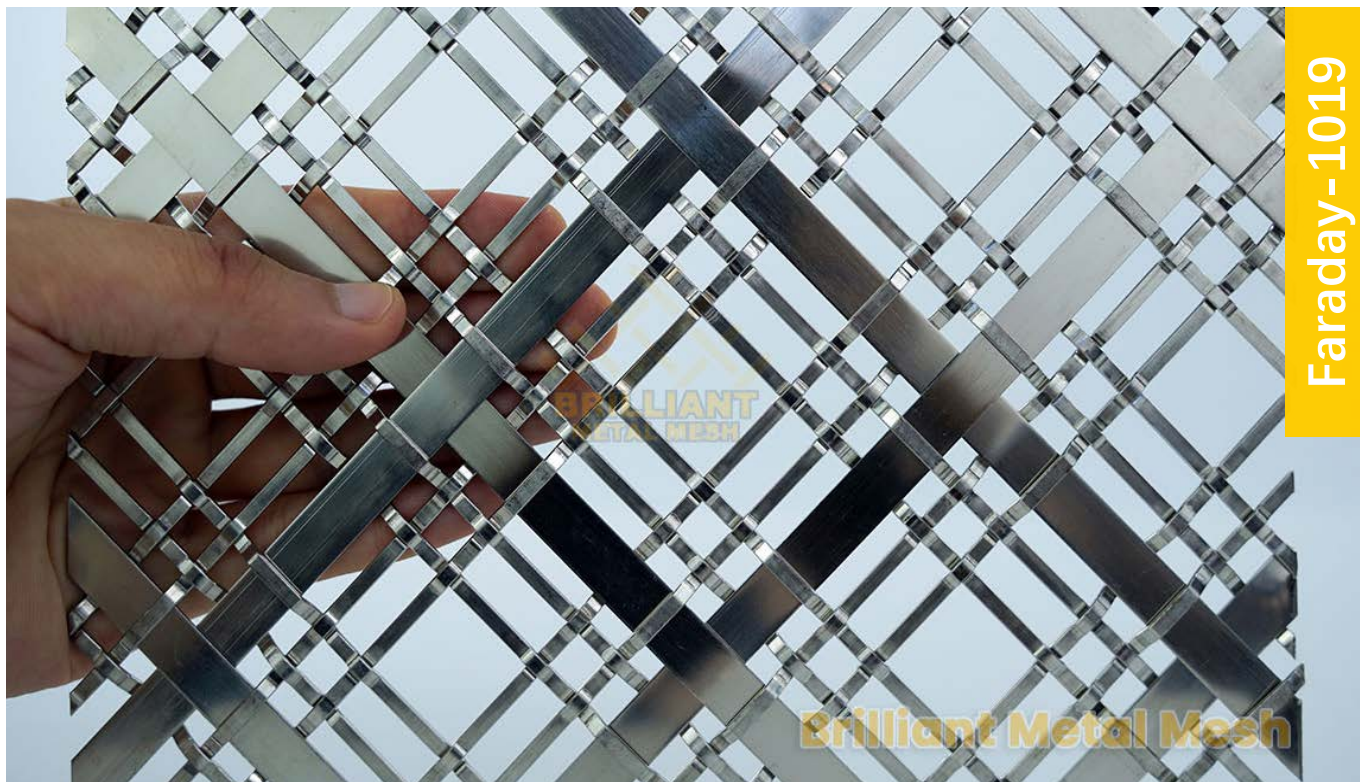
3.5 mm (.138 in)

Open Area

65%

Approx. Weight

4.4 kg/m2 (0.9 lb/ft2)



Faraday-1019

MATERIALS FINISHES



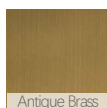
Stainless Steel



Brass



Bronze



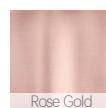
Antique Brass



Antique Copper



Gold



Rose Gold

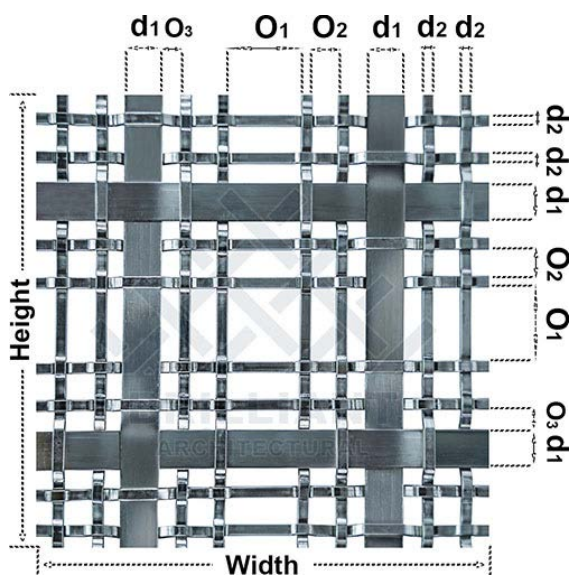


Black



Various Colors

Faraday-1019 Specifications



Product Name

Faraday-1019

Material

Stainless Steel

Wire Size (d1)

10 mm (.039 in)

Wire Size (d2)

3 mm (.118 in)

Opening (O1)

19 mm (.0748 in)

Opening (O2)

6.7 mm (.264 in)

Opening (O3)

4.5 mm (.177 in)

Overall thickness

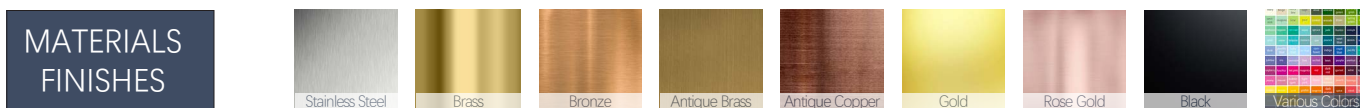
3 mm (.118 in)

Open Area

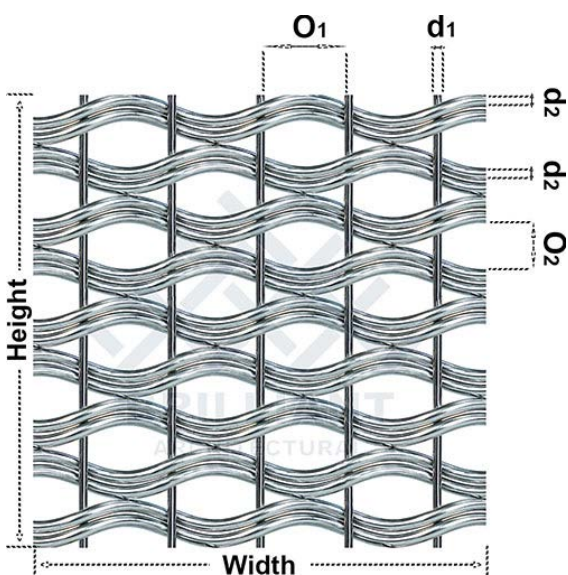
42.60%

Approx. Weight

6 kg/m² (1.23 lb/ft²)



Meitner-2816 Specifications



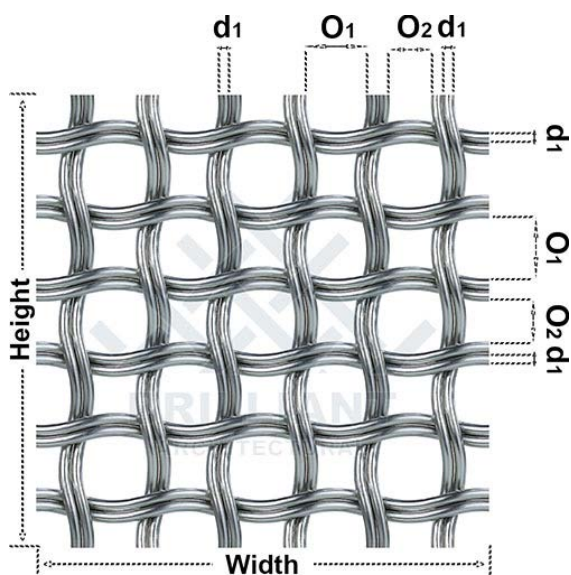
Product Name	Meitner-2816
Material	Stainless Steel
Wire Size (d1)	1.8mm (.071 in)
Wire Size (d2)	2.8 mm (0.11 in)
Opening (O1)	16 mm (.63 in)
Opening (O2)	9 mm (.354 in)
Overall thickness	7.3 mm (.287 in)
Open Area	51%
Approx. Weight	11.6 kg/m2 (2.38 lb/ft2)



MATERIALS FINISHES



Hawking-2815 Specifications



Product Name

Hawking-2815

Material

Stainless Steel

Wire Size (d1)

2.8 mm (0.11 in)

Opening (O1)

15 mm (.59 in)

Opening (O2)

9 mm (.354 in)

Overall thickness

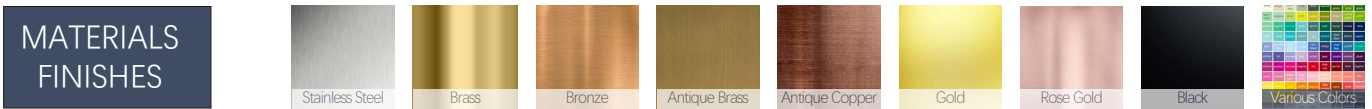
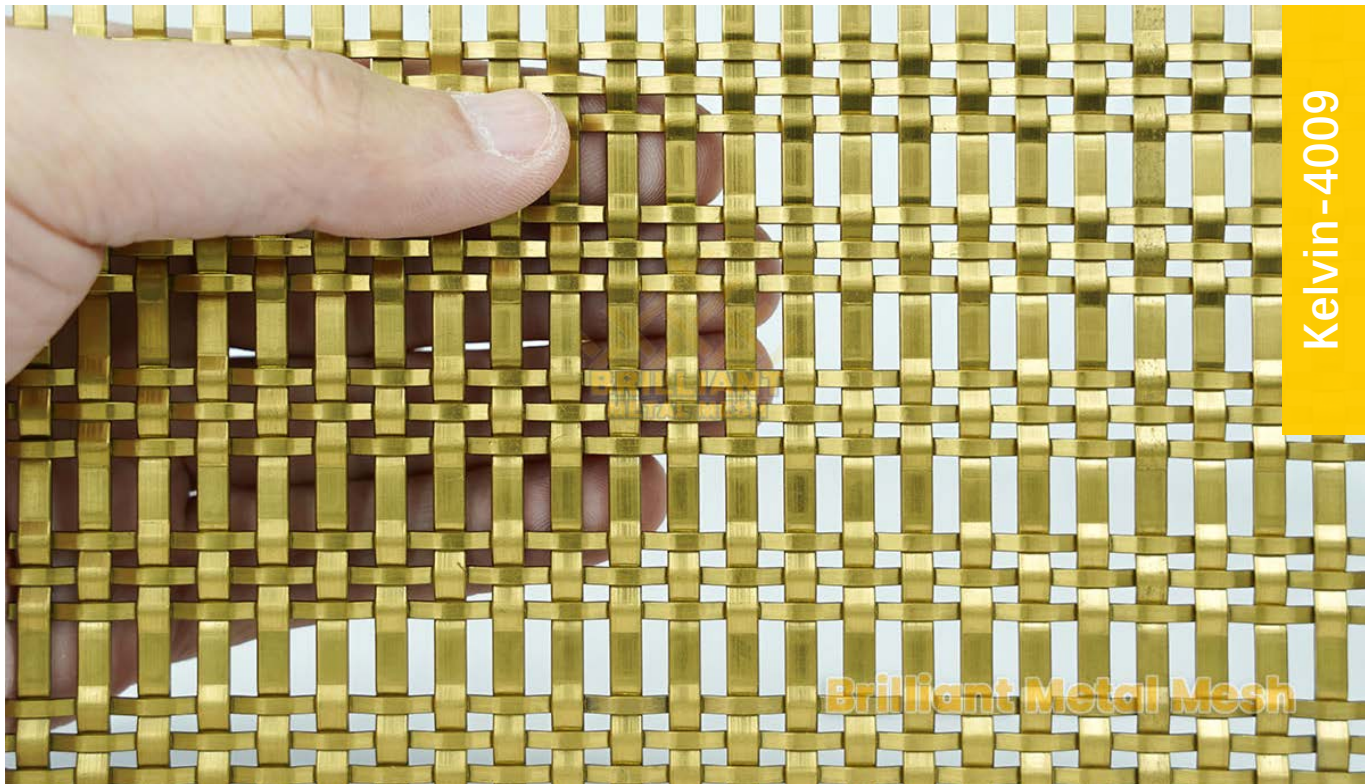
5.6 mm (.22 in)

Open Area

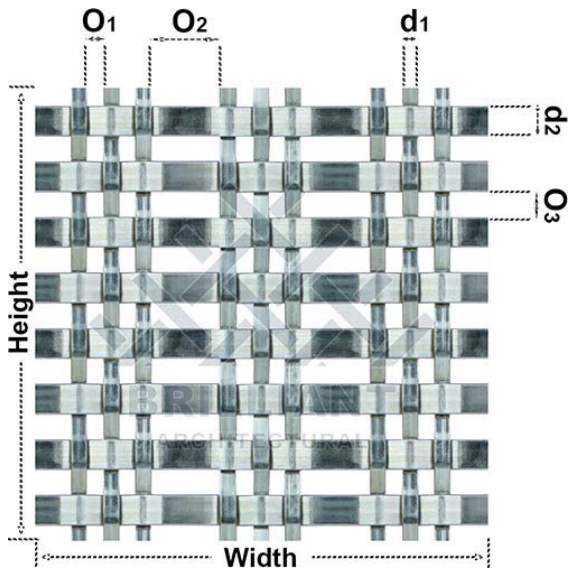
53%

Approx. Weight

13.5 kg/m² (2.765 lb/ft²)



Kelvin-4009 Specifications



Product Name	Kelvin-4009
Material	Stainless Steel
Wire Size (d1), mm (in)	2.1 (.083)
Wire Size (d2), mm (in)	4 (.157)
Opening (O1), mm (in)	2 (.079)
Opening (O2), mm (in)	9 (.354)
Opening (O3), mm (in)	3 (.118)
Overall thickness, mm (in)	2 (.079)
Open Area	29%
Approx. Weight, kg/m2 (lb/ft2)	6.6 (1.35)



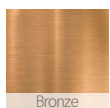
MATERIALS FINISHES



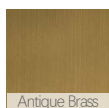
Stainless Steel



Brass



Bronze



Antique Brass



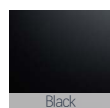
Antique Copper



Gold



Rose Gold

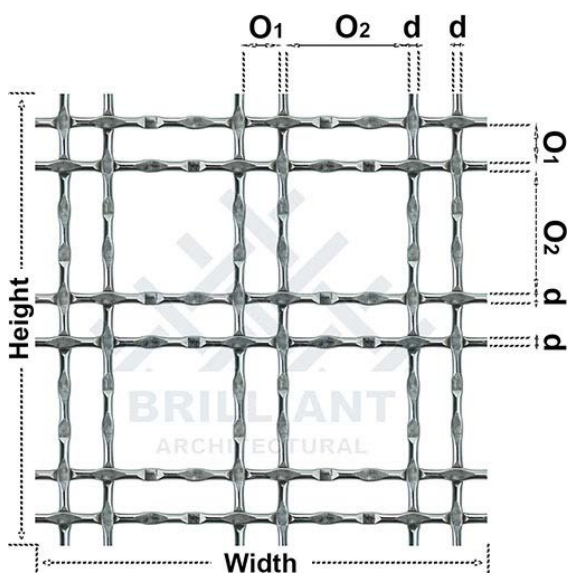


Black



Various Colors

Huygens-2833 Specifications



Product Name

Huygens-2833

Material

Stainless Steel

Wire Size (d), mm (in)

2.8 (.011)

Opening (O1), mm (in)

9 (.354)

Opening (O2), mm (in)

33 (1.3)

Overall thickness, mm (in)

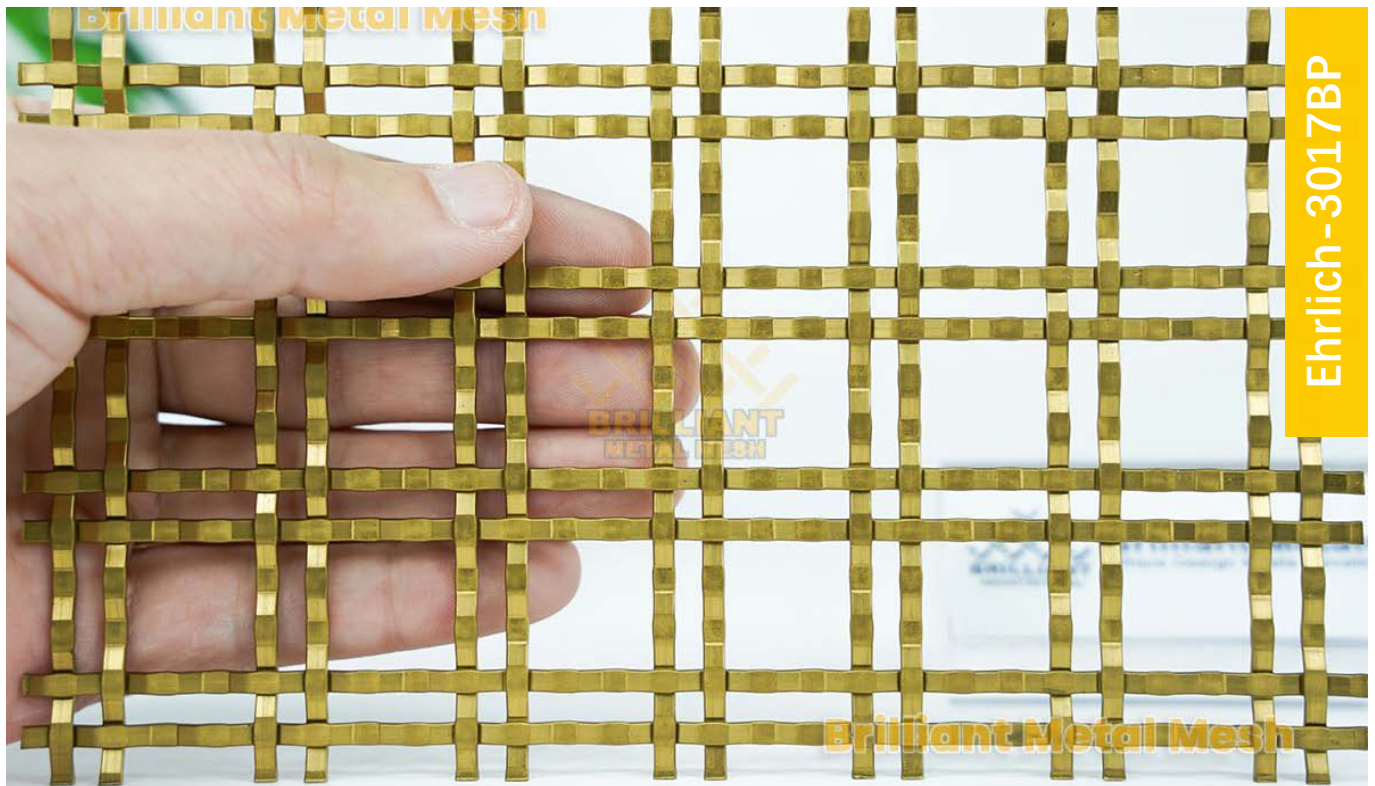
3.8 (.15)

Open Area

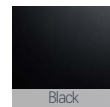
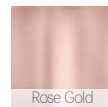
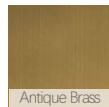
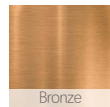
78%

Approx. Weight, kg/m2 (lb/ft2)

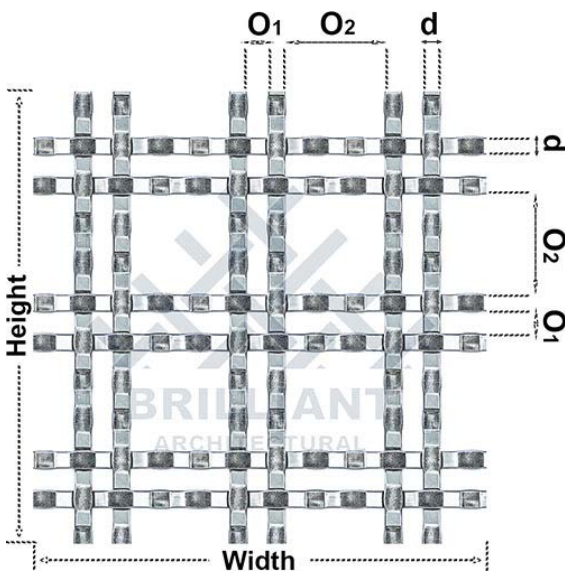
5.2 (1.07)



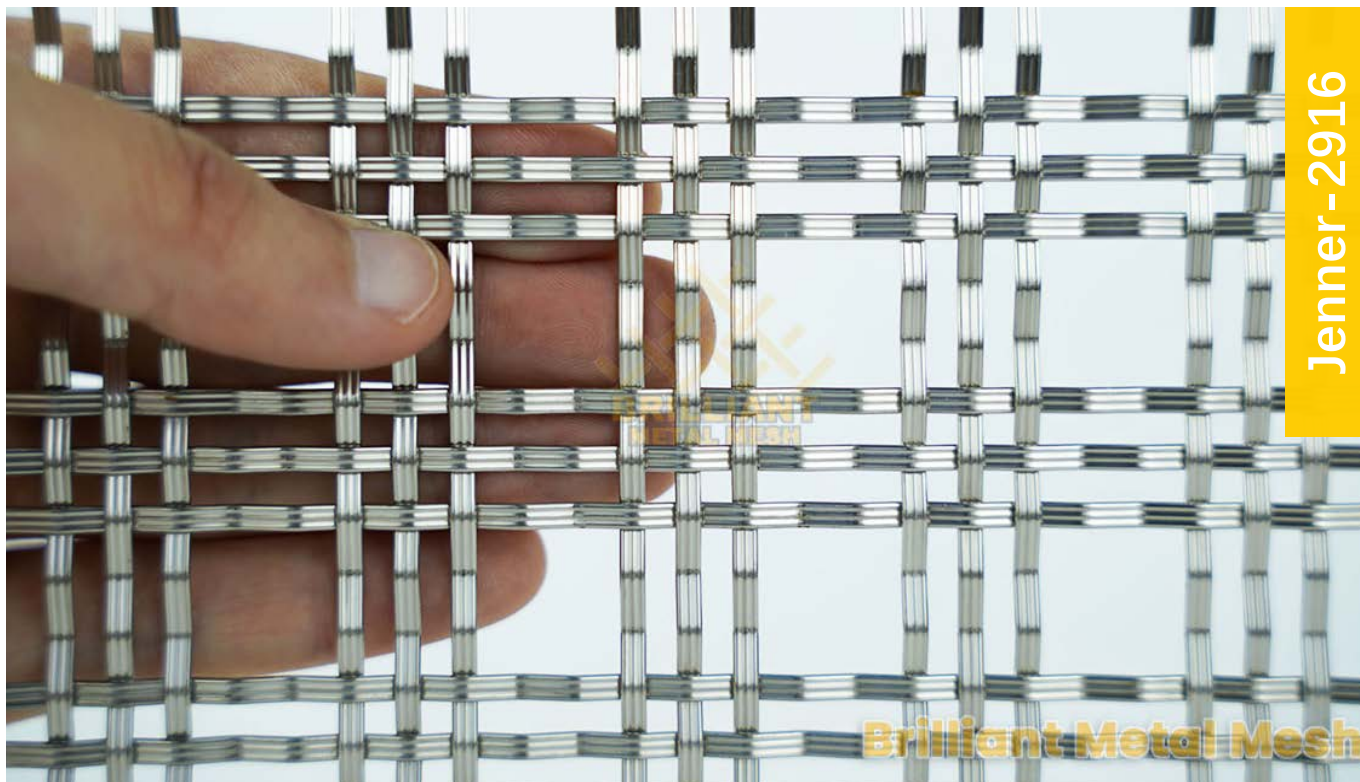
MATERIALS FINISHES



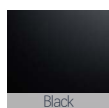
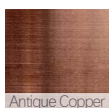
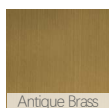
Ehrlich-3017BP Specifications



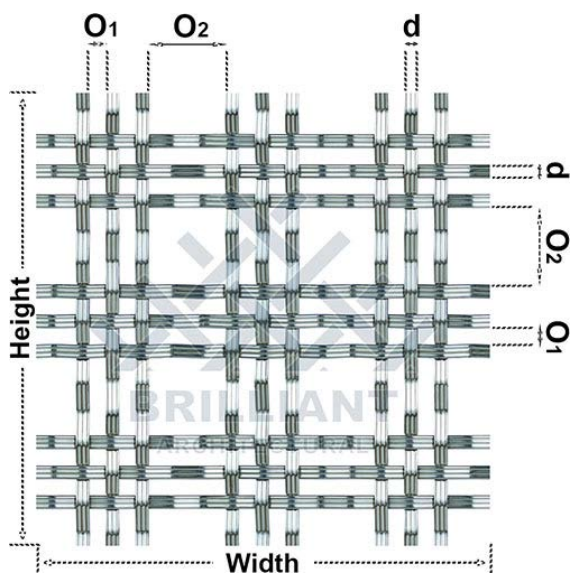
Product Name	Ehrlich-3017BP
Material	Stainless Steel+Brass Plated
Wire Size (d), mm (in)	3 (.118)
Opening (O1), mm (in)	3.4 (.134)
Opening (O2), mm (in)	16.5 (0.65)
Overall thickness, mm (in)	2.2 (.087)
Open Area	60%
Approx. Weight	4.5 kg/m2 (0.92 lb/ft2)



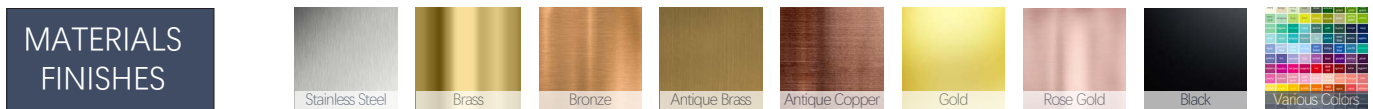
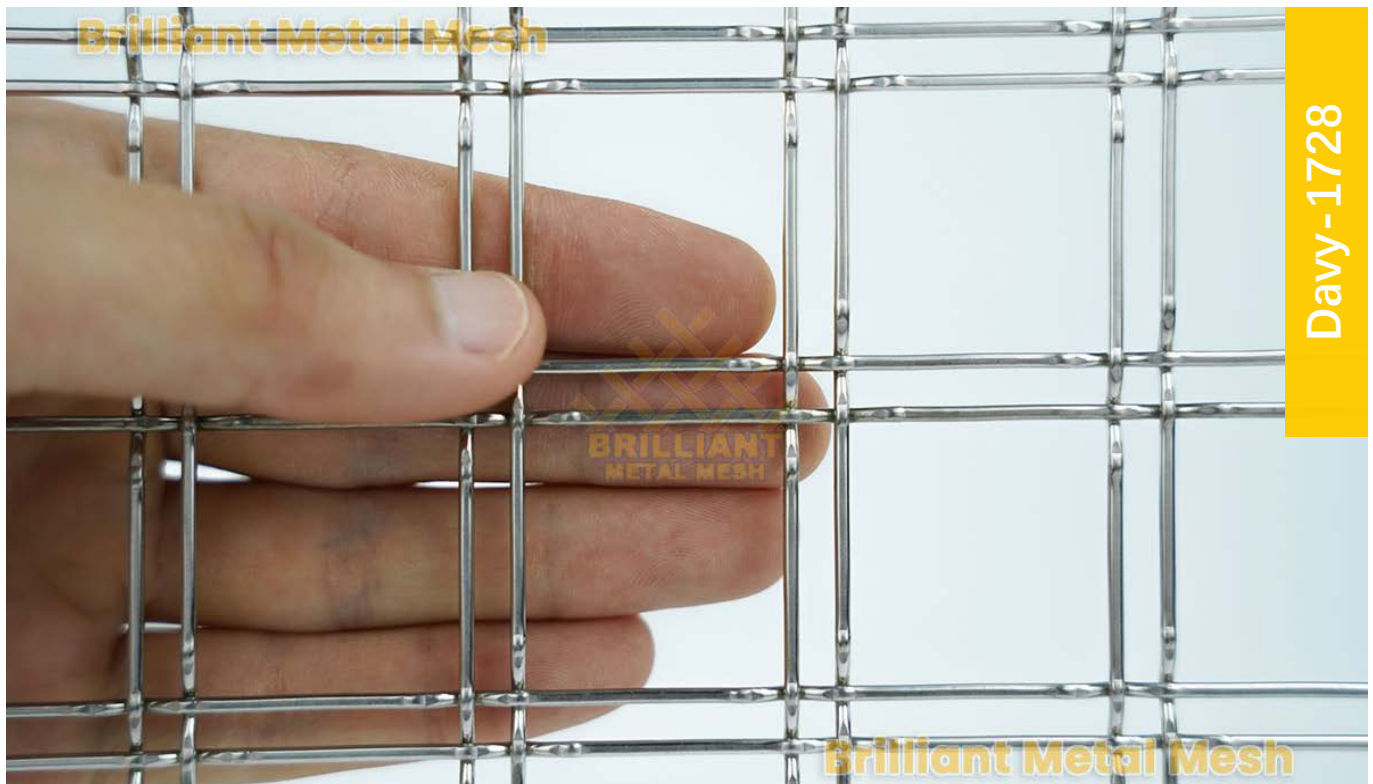
MATERIALS FINISHES



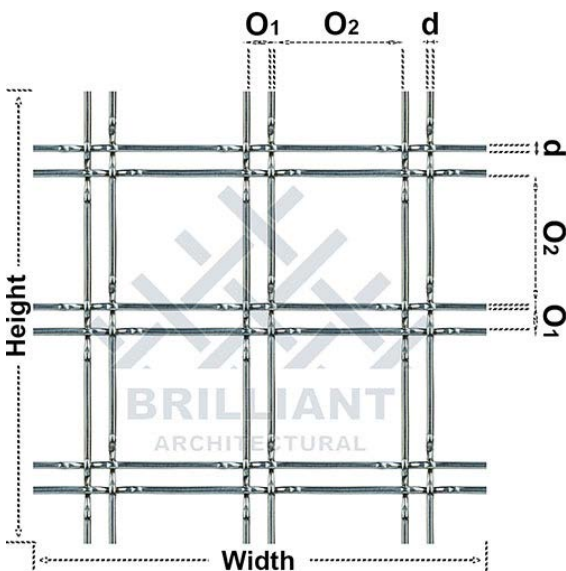
Jenner-2916 Specifications



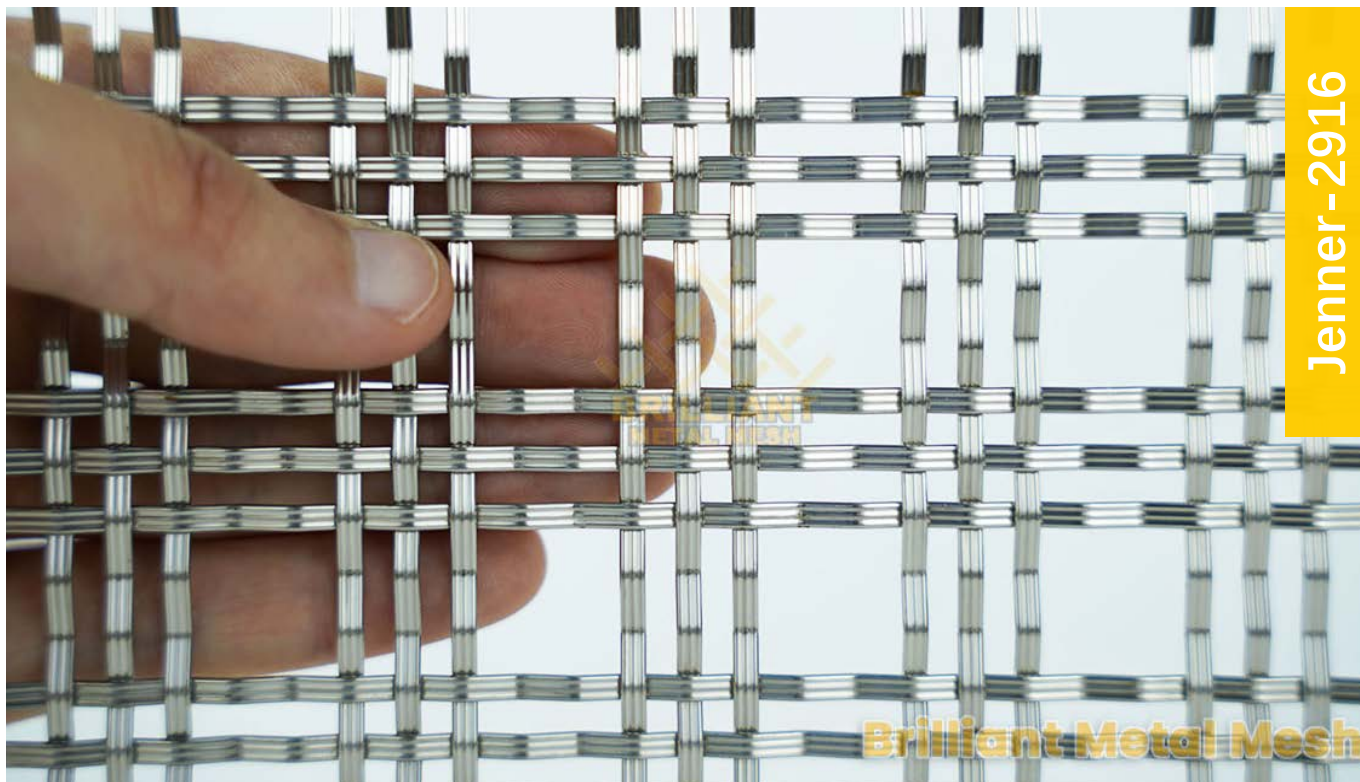
Product Name	Jenner-2916
Material	Stainless Steel
Wire Size (d), mm (in)	2.9 (.114)
Opening (O1), mm (in)	3.3 (.13)
Opening (O2), mm (in)	15.5 (0.61)
Overall thickness, mm (in)	2.3 (.09)
Open Area	51%
Approx. Weight	4.4 kg/m2 (0.9 lb/ft2)



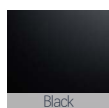
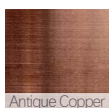
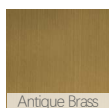
Davy-1728 Specifications



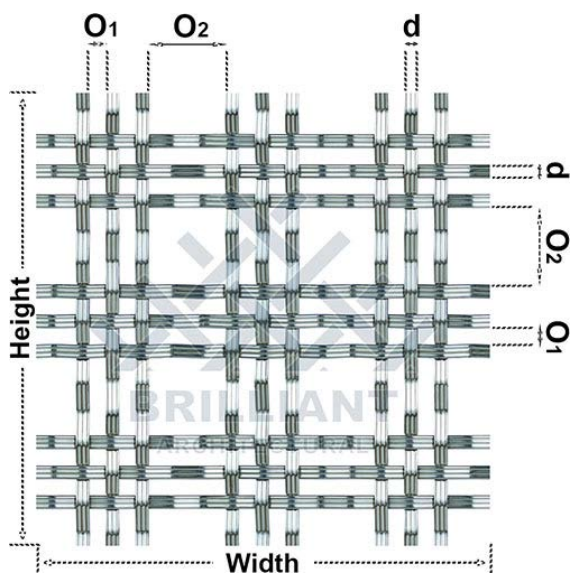
Product Name	Davy-1728
Material	Stainless Steel
Wire Size (d), mm (in)	1.7 (.067)
Opening (O1), mm (in)	3.8 (.15)
Opening (O2), mm (in)	28 (1.1)
Overall thickness, mm (in)	3 (.118)
Open Area	89%
Approx. Weight, kg/m2 (lb/ft2)	2.8 (0.11)



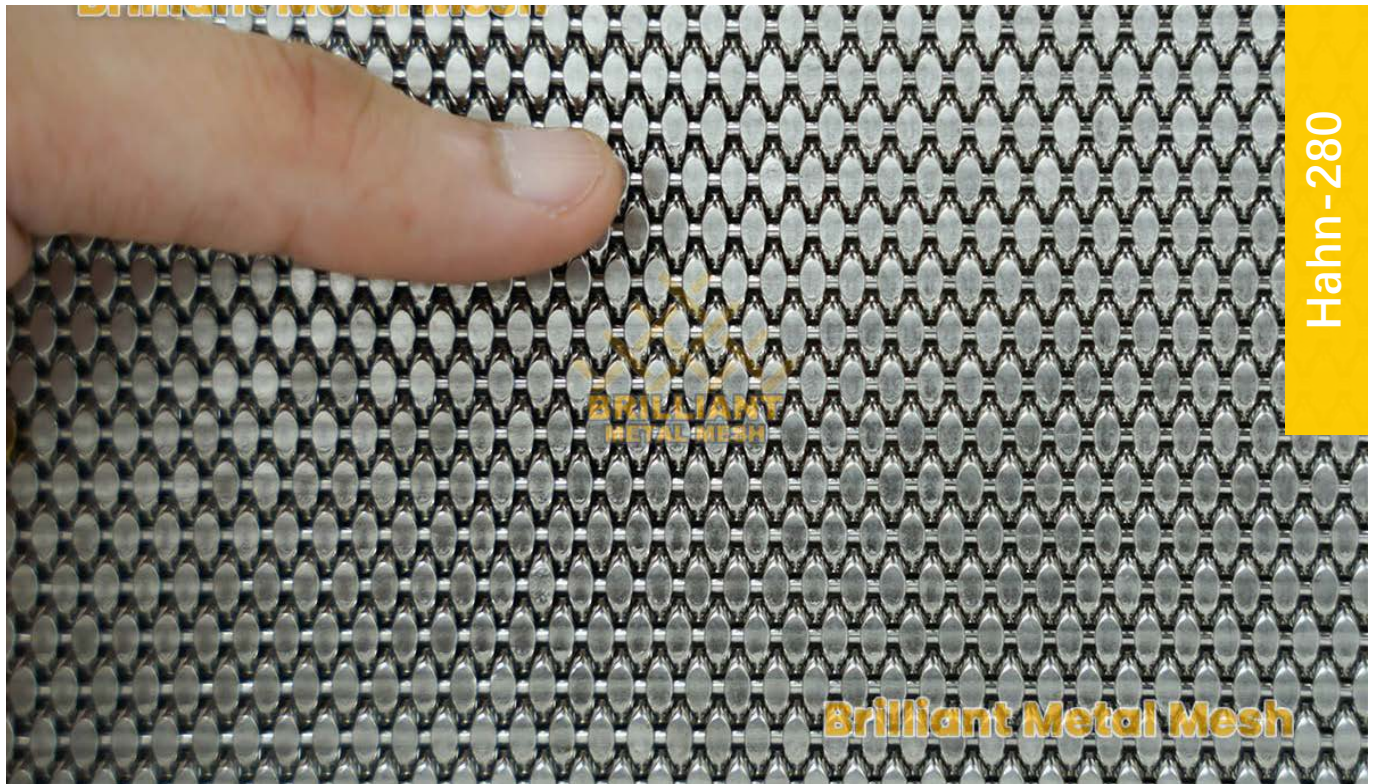
MATERIALS FINISHES



Jenner-2916 Specifications



Product Name	Jenner-2916
Material	Stainless Steel
Wire Size (d), mm (in)	2.9 (.114)
Opening (O1), mm (in)	3.3 (.13)
Opening (O2), mm (in)	15.5 (0.61)
Overall thickness, mm (in)	2.3 (.09)
Open Area	51%
Approx. Weight, kg/m2 (lb/ft2)	4.4 (0.9)



Hahn-280

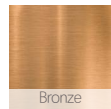
MATERIALS FINISHES



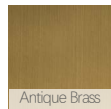
Stainless Steel



Brass



Bronze



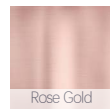
Antique Brass



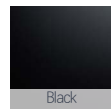
Antique Copper



Gold



Rose Gold

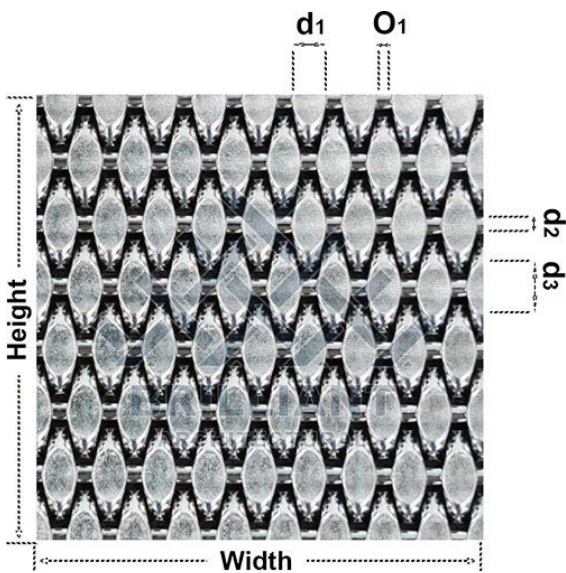


Black

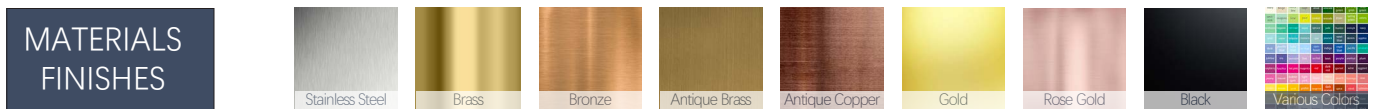
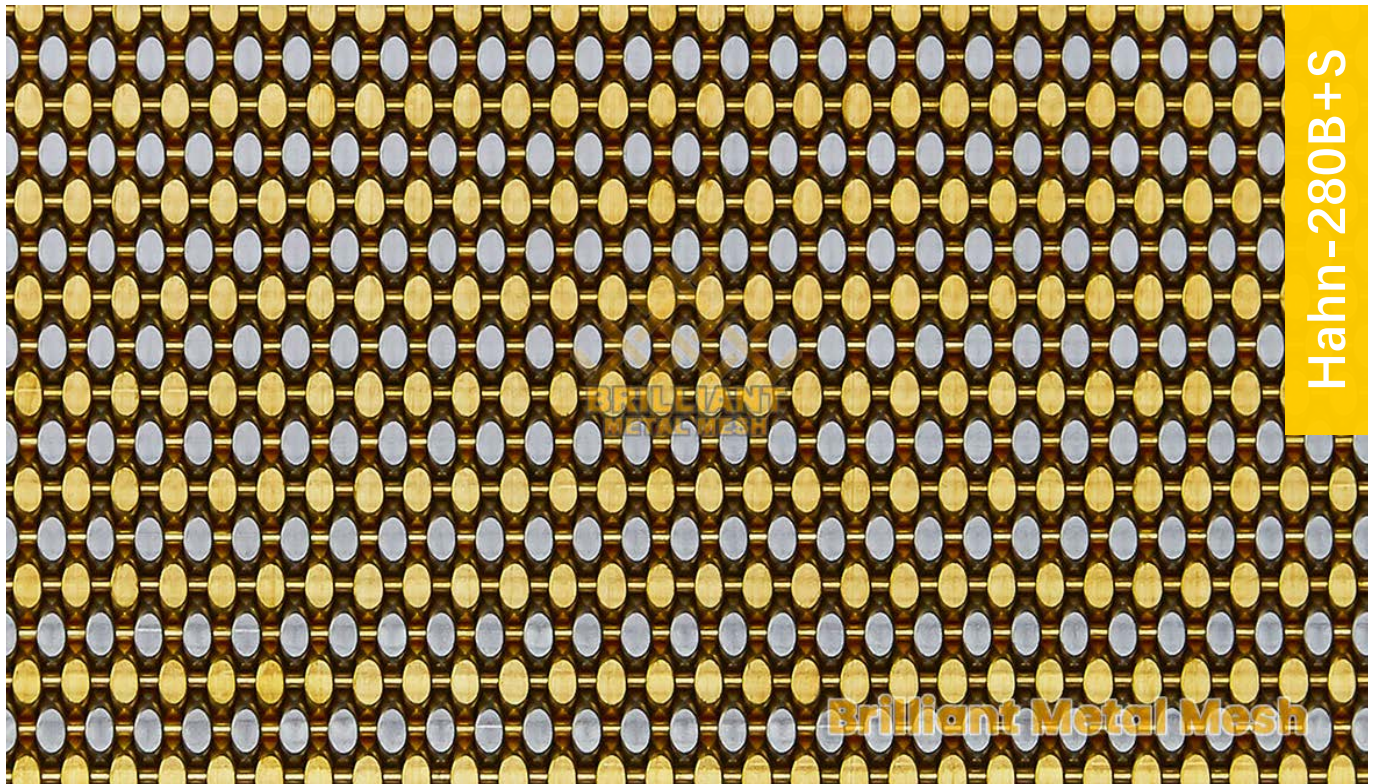


Various Colors

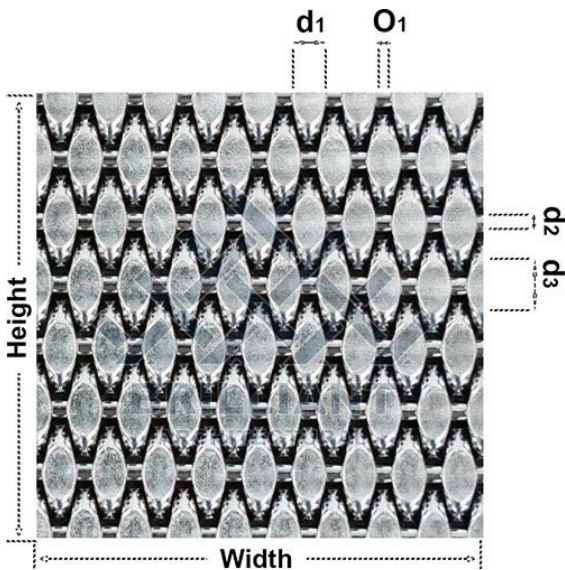
Hahn-280 Specifications



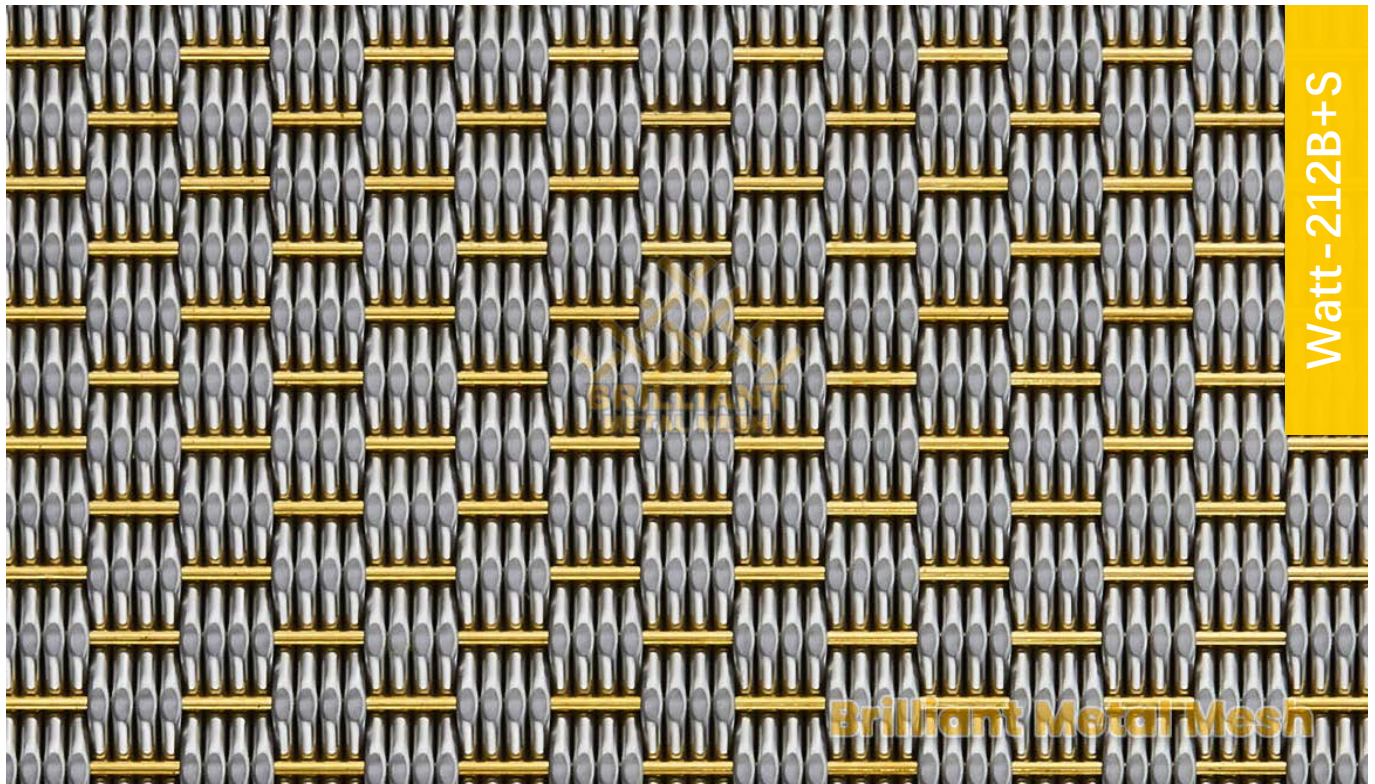
Product Name	Hahn-280
Material	Stainless Steel
Wire Size (d1), mm (in)	2.8 (.11)
Wire Size (d2), mm (in)	1.5 (.059)
Wire Size (d3), mm (in)	4.3 (.169)
Opening (O1), mm (in)	1.5 (.059)
Overall thickness, mm (in)	3 (.118)
Open Area	0%
Approx. Weight, kg/m2 (lb/ft2)	15.3 (3.13)



Hahn-280B+S Specifications



Product Name	Hahn-280B+S
Material	Stainless Steel
Wire Size (d1), mm (in)	2.8 (.11)
Wire Size (d2), mm (in)	1.5 (.059)
Wire Size (d3), mm (in)	4.3 (.169)
Opening (O1), mm (in)	1.5 (.059)
Overall thickness, mm (in)	3 (.118)
Open Area	0%
Approx. Weight, kg/m2 (lb/ft2)	15.3 (3.13)



Watt-212B+S

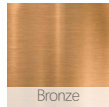
MATERIALS FINISHES



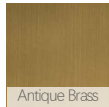
Stainless Steel



Brass



Bronze



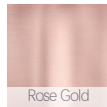
Antique Brass



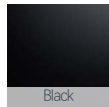
Antique Copper



Gold



Rose Gold

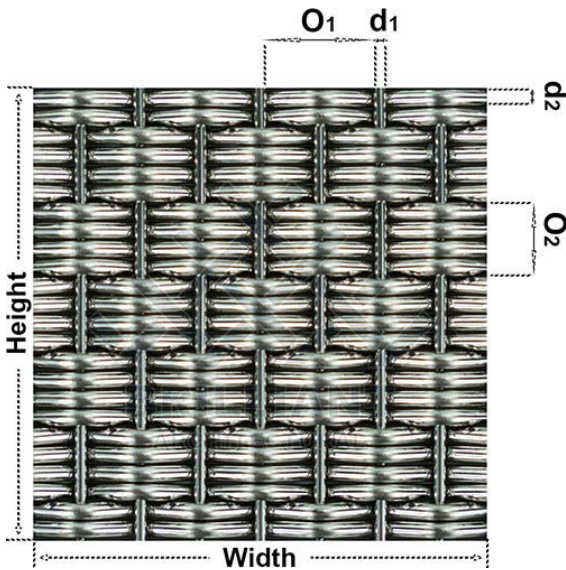


Black



Various Colors

Watt-212B+S Specifications



Product Name

Watt-212B+S

Material

Stainless Steel

Wire Size (d1), mm (in)

1.4 (.055)

Wire Size (d2), mm (in)

2 (.079)

O1, mm (in)

12 (.472)

O2, mm (in)

8.5 (.335)

Overall thickness, mm (in)

4.7 (.185)

Open Area

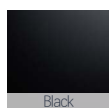
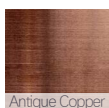
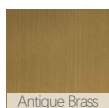
0%

Approx. Weight, kg/m2 (lb/ft2)

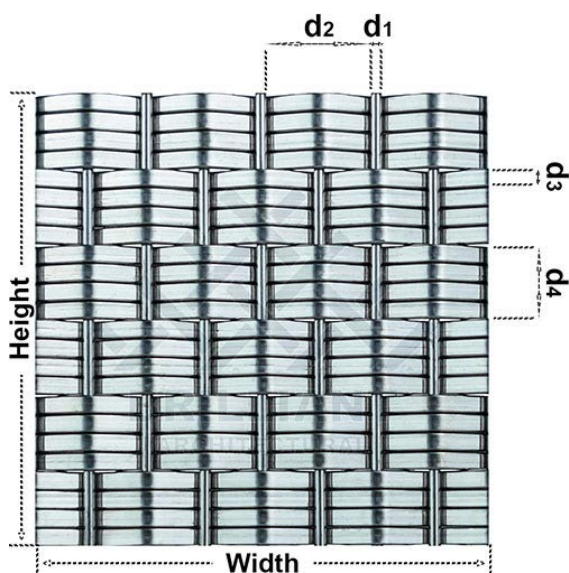
14.4 (2.96)



MATERIALS FINISHES



Ohm-810 Specifications



Product Name

Ohm-810

Material

Stainless Steel

Wire Size (d1), mm (in)

1.3 (.051)

d2, mm (in)

10.5 (.413)

Wire Size (d3), mm (in)

2 (.079)

d4, mm (in)

8 (.315)

Overall thickness, mm (in)

3.3 (.13)

Open Area

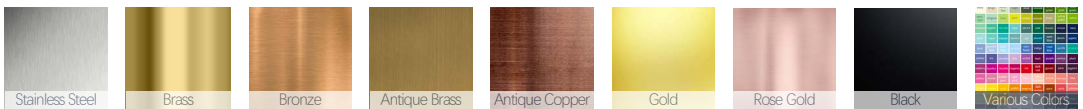
5%

Approx. Weight, kg/m2 (lb/ft2)

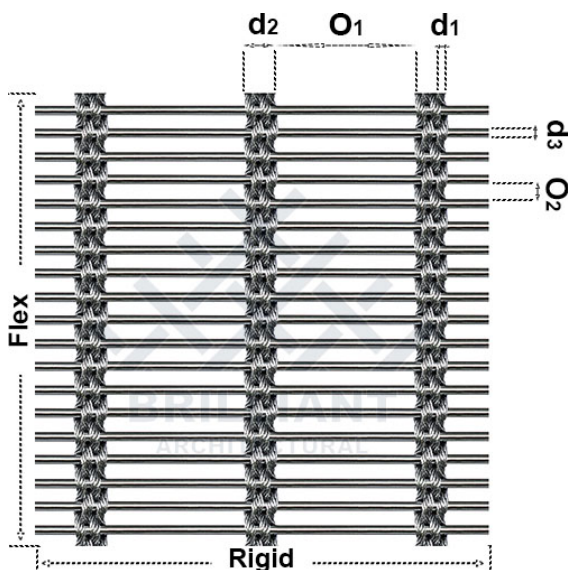
10 (2.05)



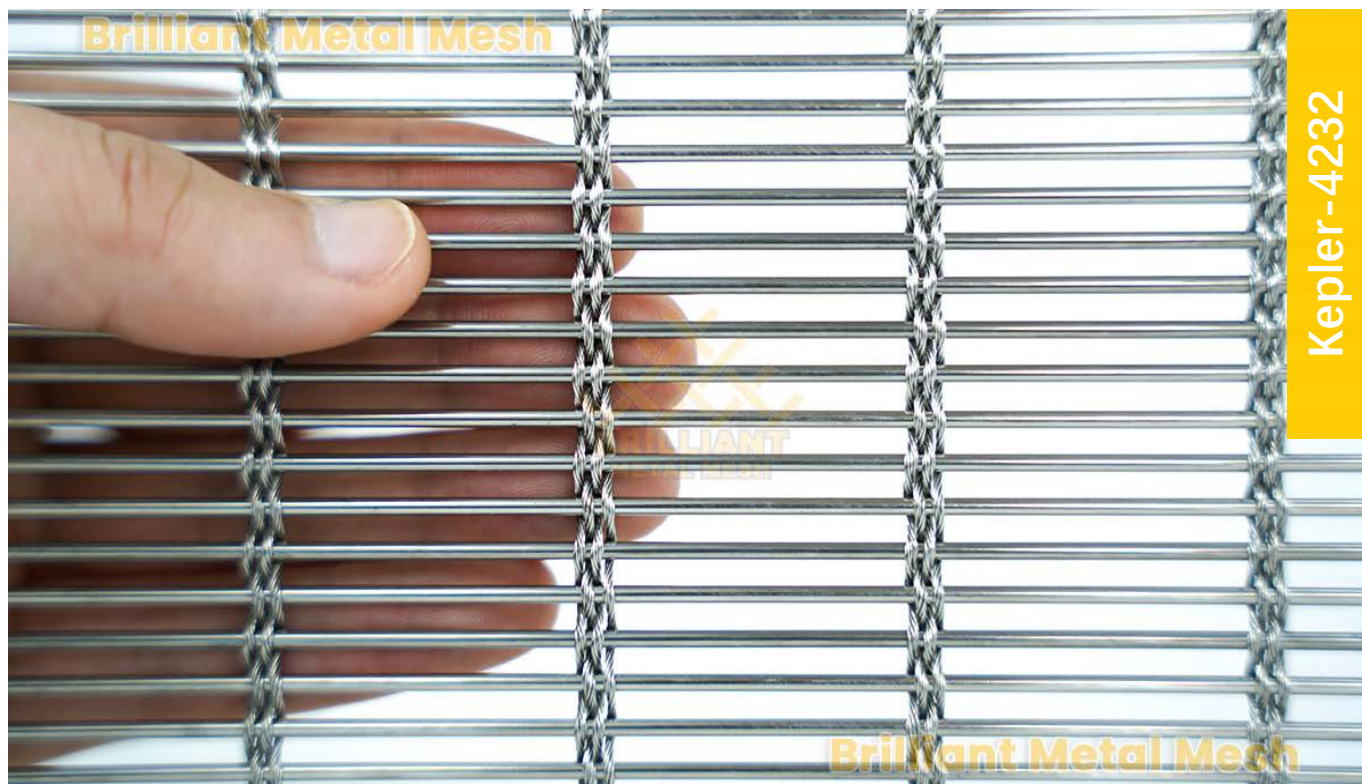
MATERIALS FINISHES



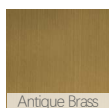
Kepler-9340 Specifications



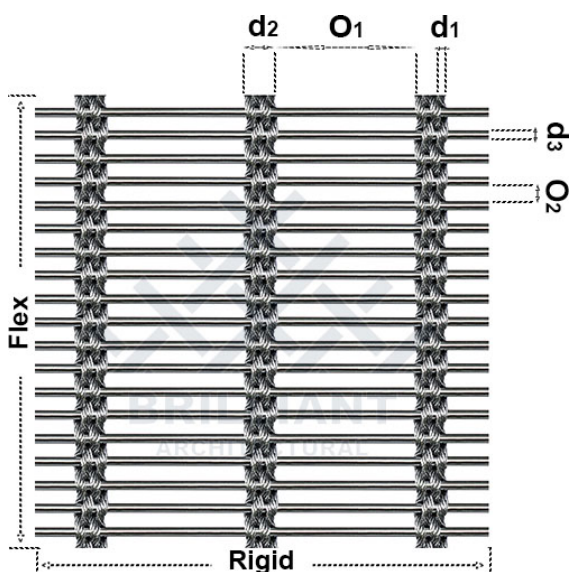
Product Name	Kepler-9340	Kepler-4232	Kepler-3123	Kepler-3124
Material	304/316	304/316	304/316	304/316
Rope Gauge (d1), mm (in.)	2 (.079)	1.0 (.039)	0.75 (.03)	2 (.079)
Rope Gauge (d2), mm (in.)	9 (.354)	4.3 (.17)	3 (.118)	6 (.236)
Wire Dia., mm (in.)	3 (.118)	2 (.079)	1.5 (.059)	3 (.118)
Opening (O1), mm (in.)	40 (.158)	32 (1.26)	23 (.91)	73 (2.89)
Opening (O2), mm (in.)	4 (.157)	2.4 (0.94)	2 (.079)	7.3 (.287)
Nos of Ropes (d2)	4	4	4	3
Thickness, mm (in.)				
Open Area	47%	48%	51%	65
Approx. Weight, kg/m2 (lb/ft2)	10.5 (2.15)	7.5 (1.54)	5 (1.0)	7.1 (1.45)



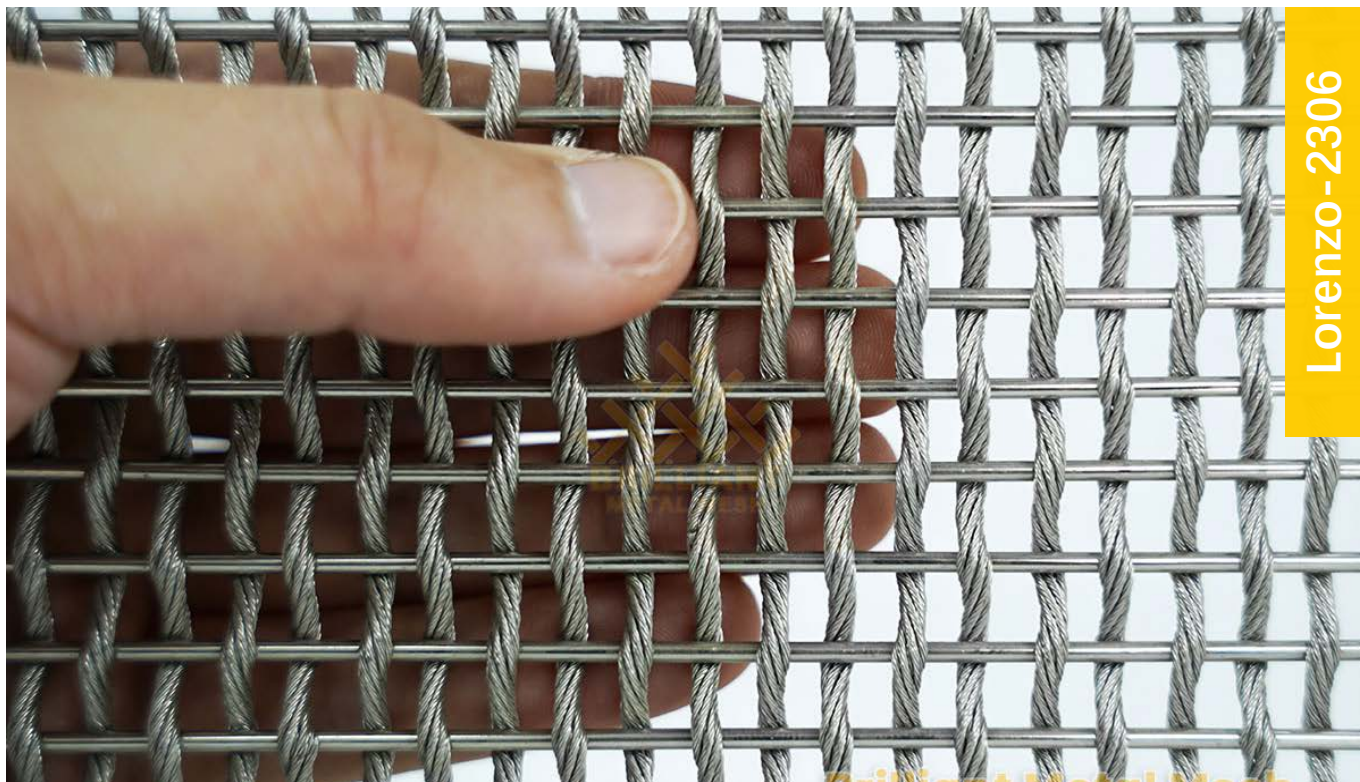
MATERIALS FINISHES



Kepler-4232 Specifications



Product Name	Kepler -9340	Kepler -4232	Kepler -3123	Kepler -3124
Material	304/316	304/316	304/316	304/316
Rope Gauge (d1), mm (in.)	2 (.079)	1.0 (.039)	0.75 (.03)	2 (.079)
Rope Gauge (d2), mm (in.)	9 (.354)	4.3 (.17)	3 (.118)	6 (.236)
Wire Dia., mm (in.)	3 (.118)	2 (.079)	1.5 (.059)	3 (.118)
Opening (O1), mm (in.)	40 (.158)	32 (1.26)	23 (.91)	73 (2.89)
Opening (O2), mm (in.)	4 (.157)	2.4 (0.94)	2 (.079)	7.3 (.287)
Nos of Ropes (d2)	4	4	4	3
Thickness, mm (in.)				
Open Area	47%	48%	51%	65
Approx. Weight, kg/m2 (lb/ft2)	10.5 (2.15)	7.5 (1.54)	5 (1.0)	7.1 (1.45)

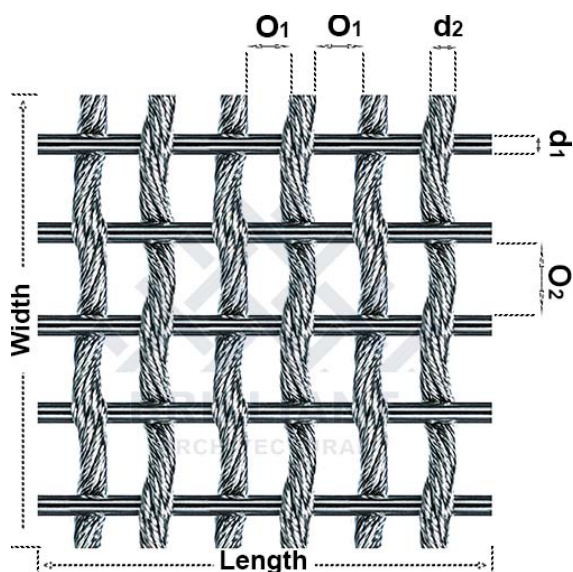


Lorenzo-2306

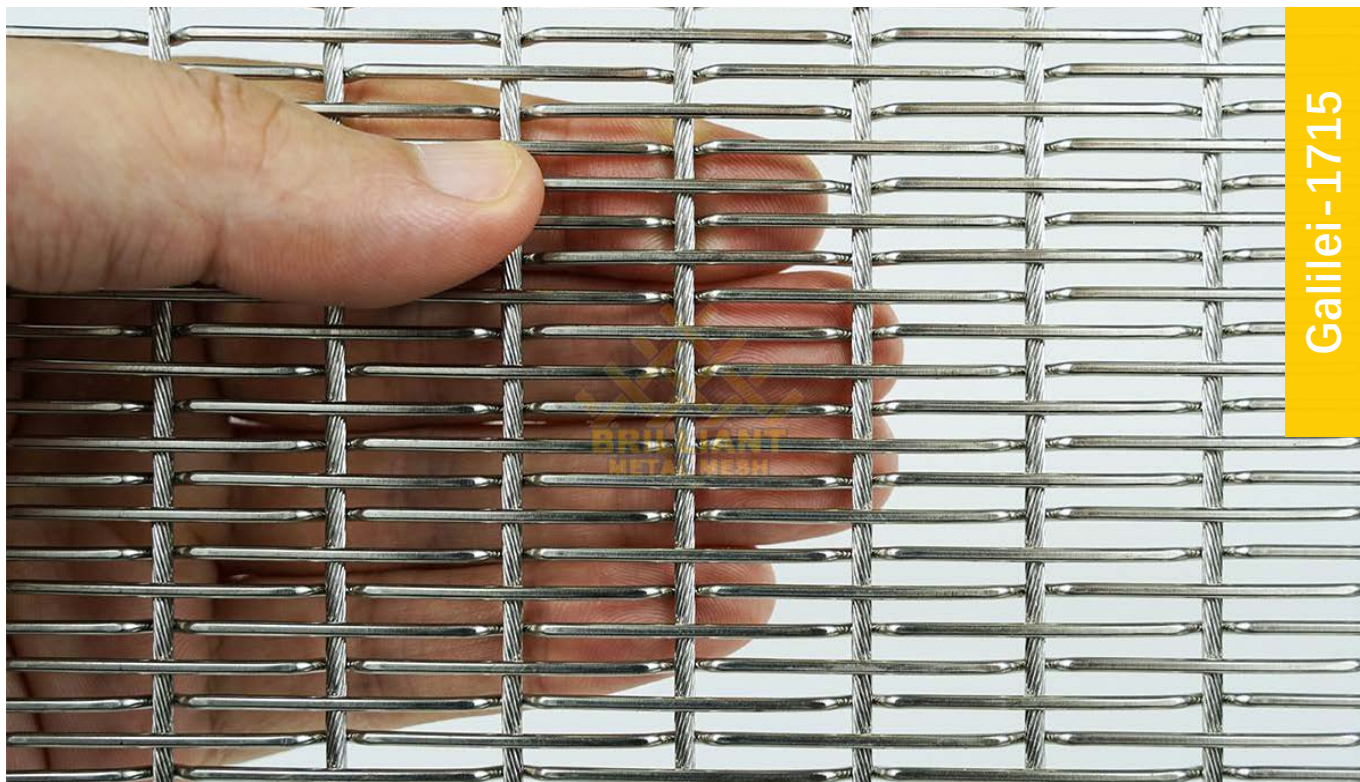
MATERIALS FINISHES



Lorenzo-2306 Specifications



Product Name	Lorenzo-2306
Material	SS 304/316
Wire Gauge (d1), mm (in)	2 (.079)
Rope Gauge (d2), mm (in)	2.5 (.098)
Opening (O1), mm (in)	4 (.157)
Opening (O2), mm (in)	6 (.236)
Overall thickness, mm (in)	5.8mm (.23)
Open Area	46%
Approx. Weight, kg/m2 (lb/ft2)	7.4 (1.52)



Galilei-1715

MATERIALS FINISHES



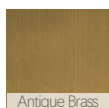
Stainless Steel



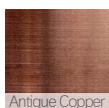
Brass



Bronze



Antique Brass



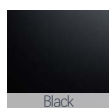
Antique Copper



Gold



Rose Gold

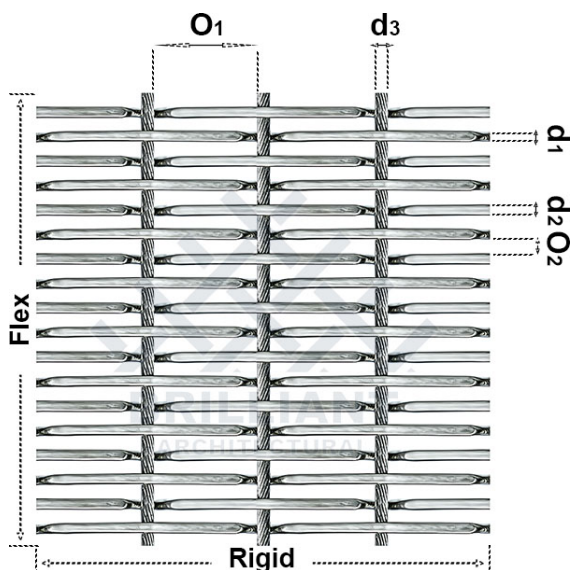


Black

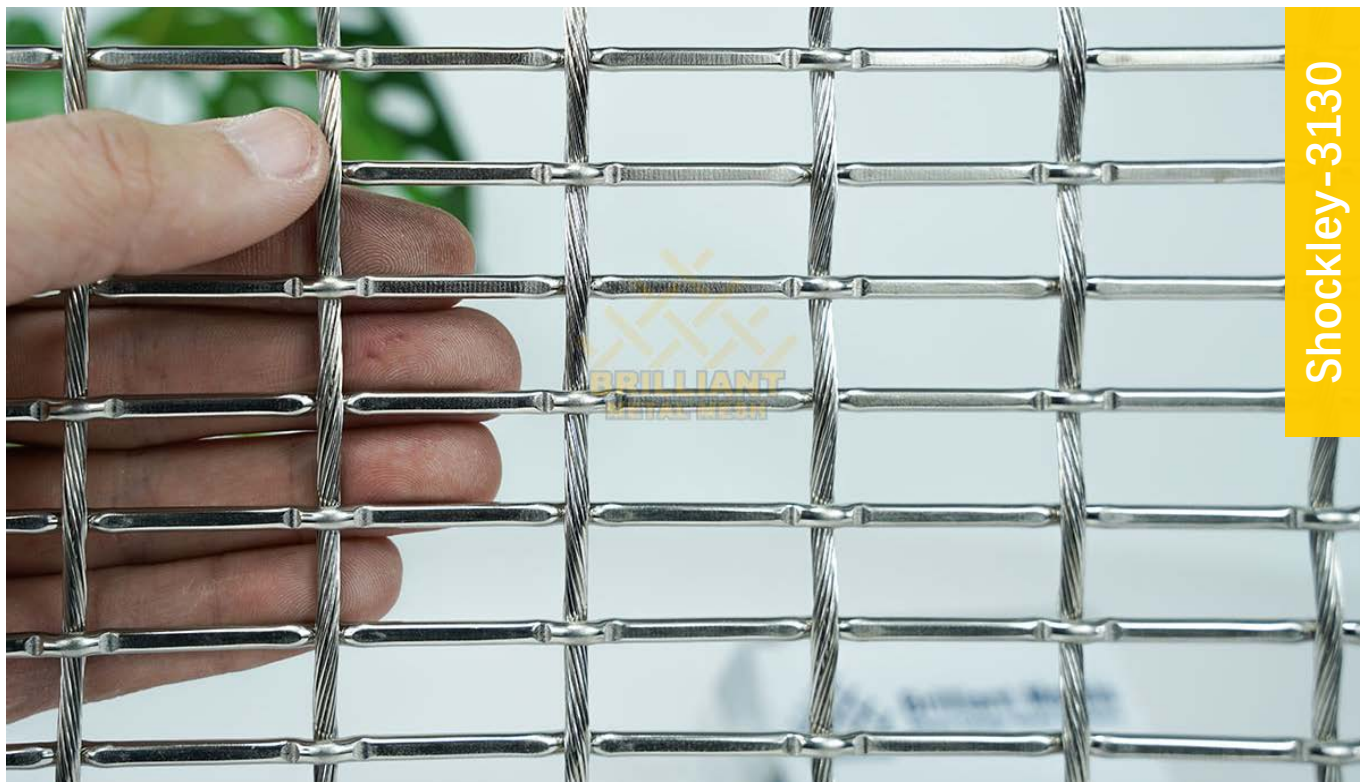


Various Colors

Galilei-1715 Specifications



Product Name	Galilei-1715	Galilei-1515
Material	Stainless Steel	Stainless Steel
Wire size (d1), mm (in.)	1.5 (.059)	1.4 (.055)
Wire size (d2), mm (in.)	1.7 (.067)	1.5 (.059)
Wire rope size (d3), mm (in.)	2 (.079)	2 (.079)
Opening (O1), mm (in.)	15 (0.59)	15 (0.59)
Opening (O2), mm (in.)	2 (.079)	2 (.079)
Overall thickness, mm (in.)	4.5 (.177)	4.5 (.177)
Open Area	48%	50%
Approx. Weight, kg/m2 (lb/ft2)	7.8 (1.6)	5.2 (.205)



Shockley-3130

MATERIALS FINISHES



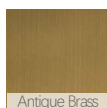
Stainless Steel



Brass



Bronze



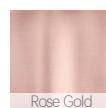
Antique Brass



Antique Copper



Gold



Rose Gold

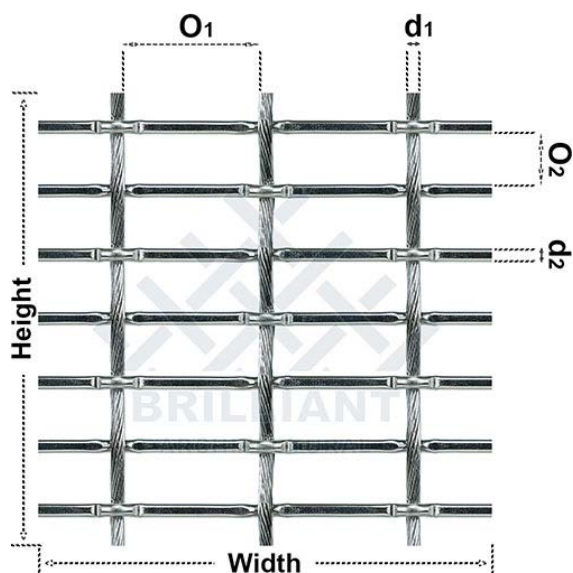


Black



Various Colors

Shockley-3130 Specifications



Product Name

Shockley-3130

Material

Stainless Steel

Cable Gauge (d1), mm (in)

3.1 (.012)

Wire Size (d2), mm (in)

3.1 (.012)

Opening (O1), mm (in)

30 (1.18)

Opening (O2), mm (in)

11 (.43)

Overall thickness, mm (in)

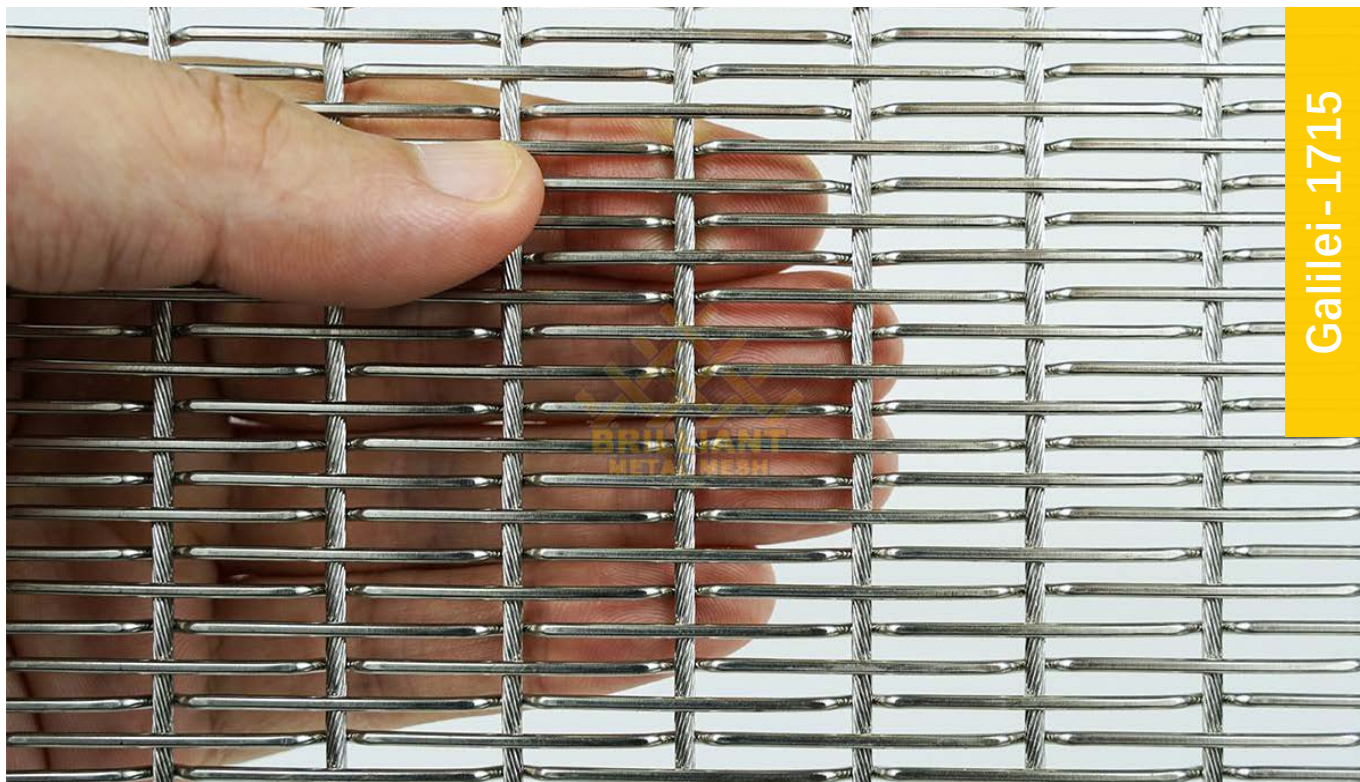
6 (.236)

Open Area

71%

Approx. Weight, kg/m2 (lb/ft2)

5.2 (1.07)



Galilei-1715

MATERIALS FINISHES



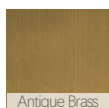
Stainless Steel



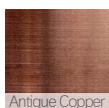
Brass



Bronze



Antique Brass



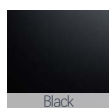
Antique Copper



Gold



Rose Gold

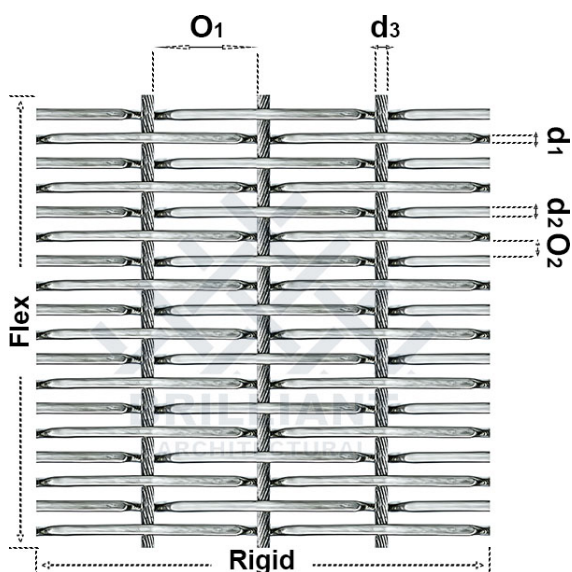


Black



Various Colors

Galilei-1715 Specifications



Product Name	Galilei-1715	Galilei-1515
Material	Stainless Steel	Stainless Steel
Wire size (d1), mm (in.)	1.5 (.059)	1.4 (.055)
Wire size (d2), mm (in.)	1.7 (.067)	1.5 (.059)
Wire rope size (d3), mm (in.)	2 (.079)	2 (.079)
Opening (O1), mm (in.)	15 (0.59)	15 (0.59)
Opening (O2), mm (in.)	2 (.079)	2 (.079)
Overall thickness, mm (in.)	4.5 (.177)	4.5 (.177)
Open Area	48%	50%
Approx. Weight, kg/m2 (lb/ft2)	7.8 (1.6)	5.2 (.205)

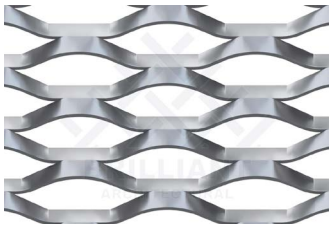


Architectural Expanded Metal

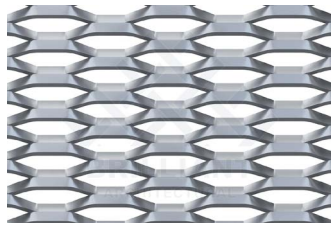
Architectural expanded metal is a sheet material created by cutting and stretching metal to form a mesh-like pattern with diamond-shaped openings. Common materials include stainless steel, aluminum, and carbon steel, offering durability, lightweight properties, and corrosion resistance. Key features include strength, ventilation, transparency, and design flexibility.

In architectural applications, expanded metal is used for facades, sunshades, balustrades, ceilings, and decorative screens. It provides structural support, enhances aesthetics, and allows for light and airflow. Its versatility makes it ideal for both functional and decorative purposes, such as building exteriors, interior partitions, and security grilles. Expanded

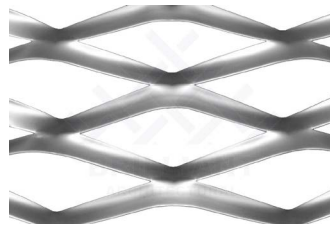
metal is valued for its cost-effectiveness, low maintenance, and ability to create visually striking designs while maintaining functionality.



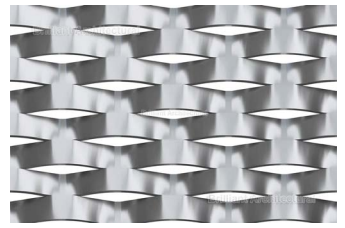
Fermi-10035



Fermi-5215



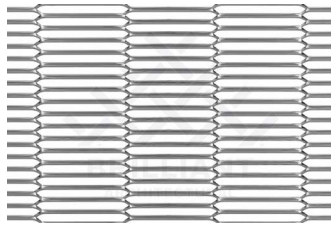
Fermi-20080



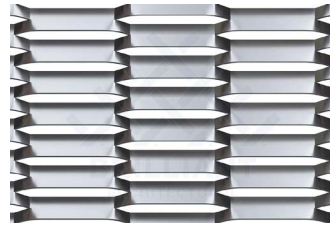
Fermi-6231



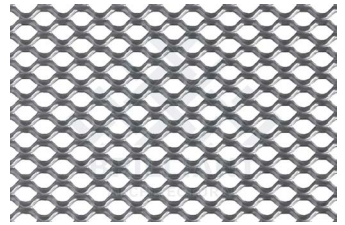
Fermi-11010



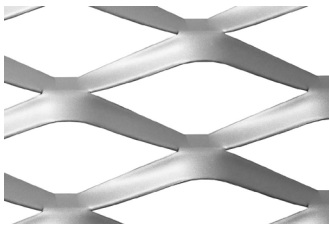
Fermi-503



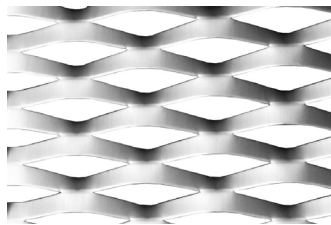
Fermi-22535



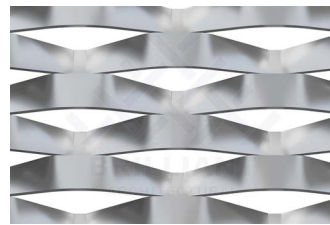
Fermi-107



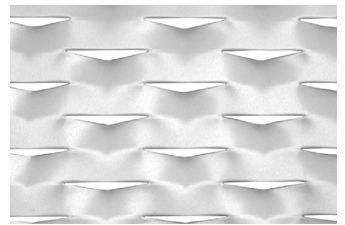
Fermi-20389



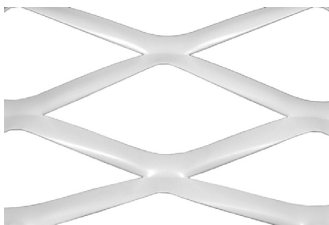
Fermi-6326



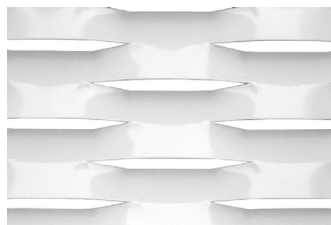
Fermi-11548



Fermi-9038



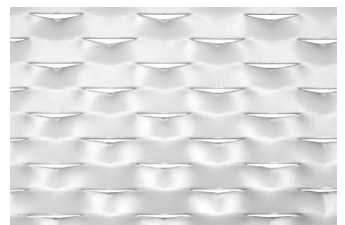
Fermi-25096



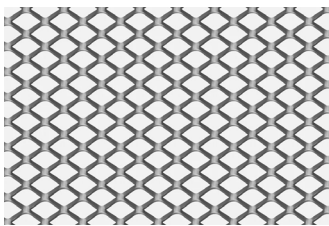
Fermi-16052



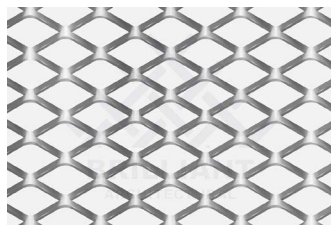
Fermi-16040



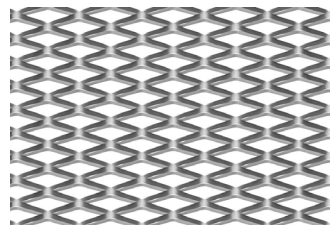
Fermi-6328



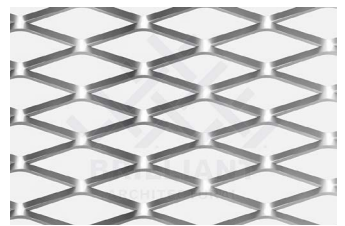
Fermi-1208



Fermi-2515



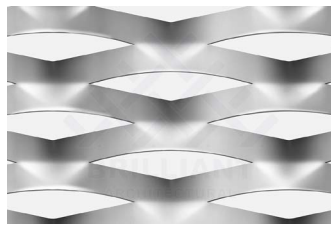
Fermi-2008



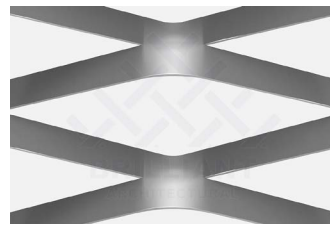
Fermi-5020



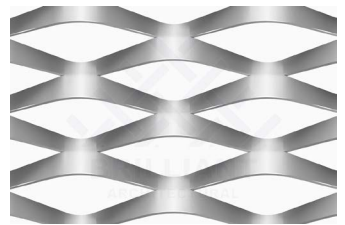
Fermi-5030



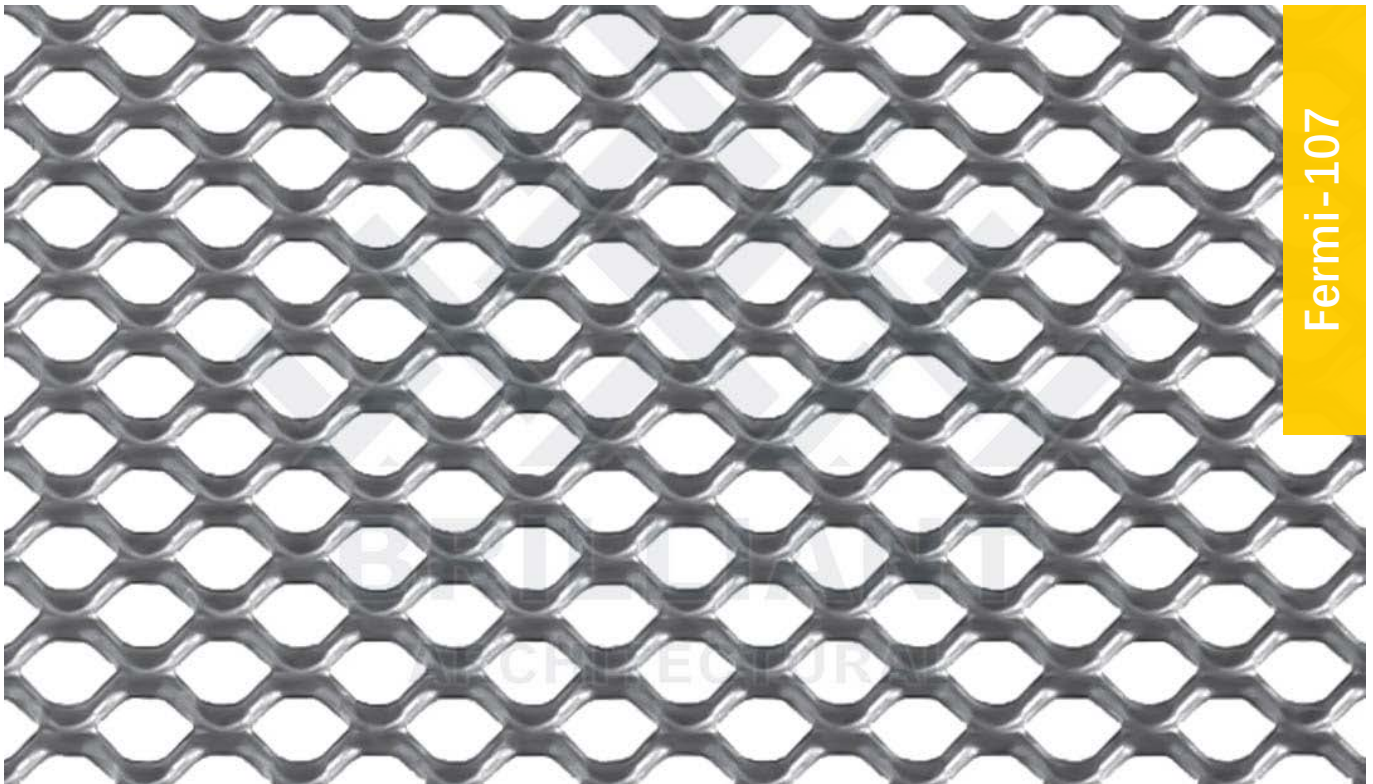
Fermi-15050



Fleming-25080



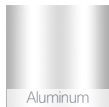
Fleming-7530



MATERIALS FINISHES



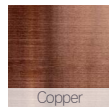
Stainless Steel



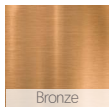
Aluminum



Brass



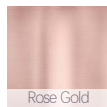
Copper



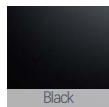
Bronze



Gold



Rose Gold

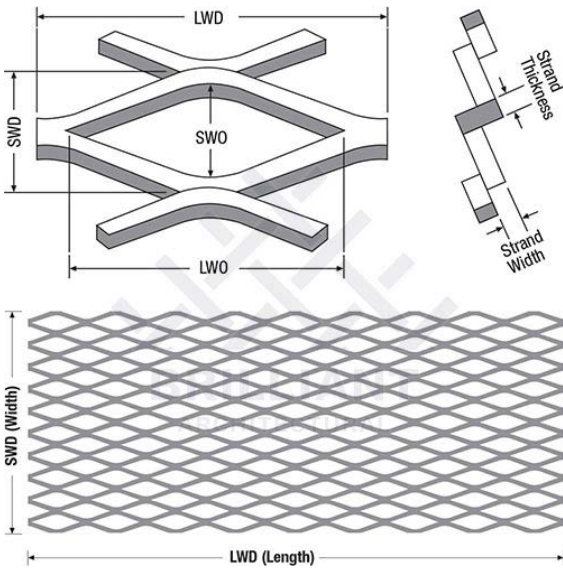


Black

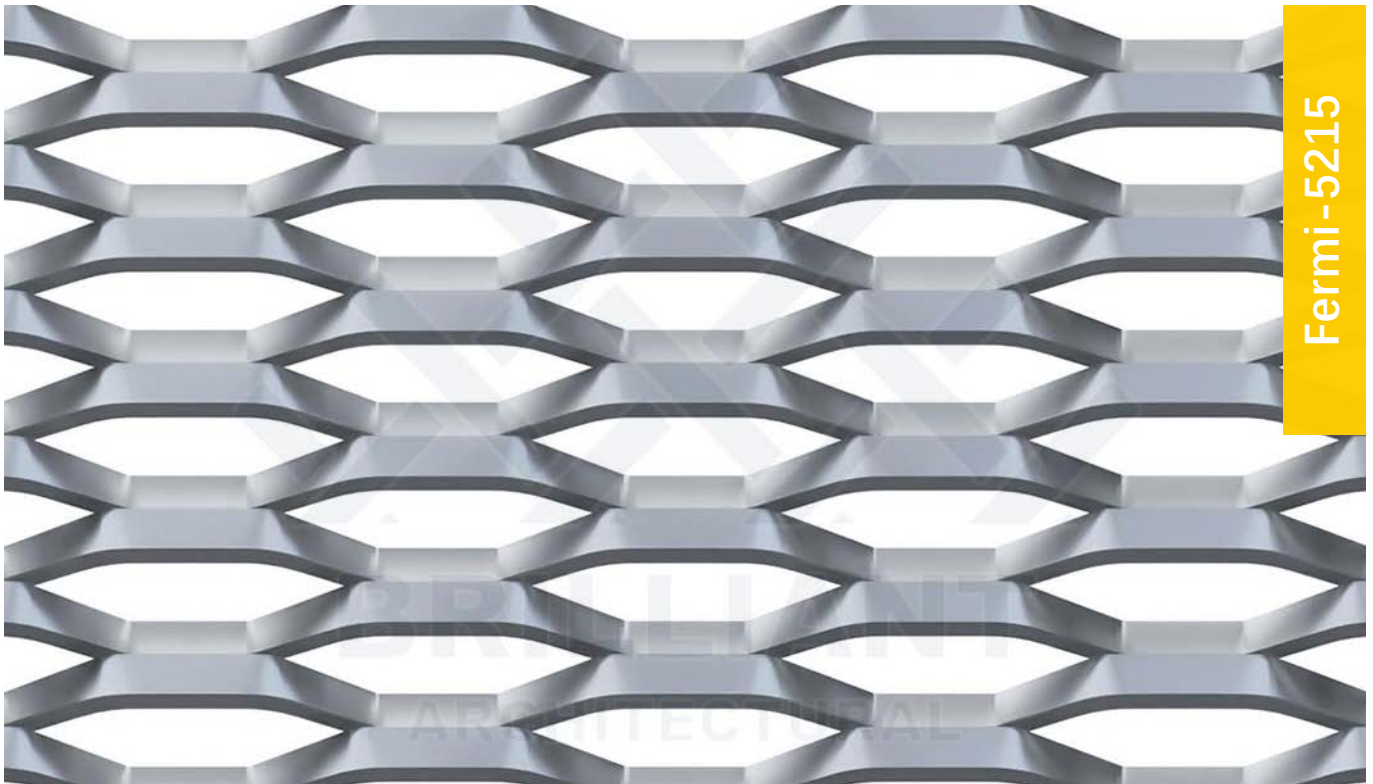


Various Colors

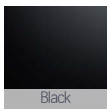
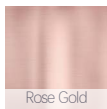
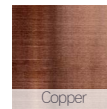
Fermi-107 Specifications



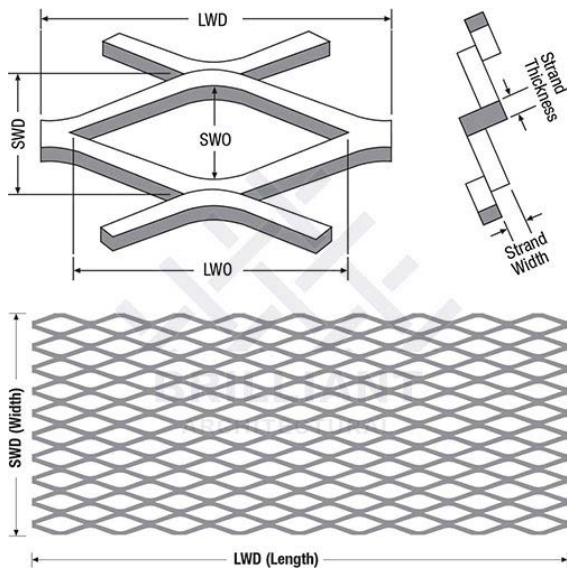
Product Name	Fermi-107-1	Fermi-107-2	Fermi-107-3
LWD, mm (in)	10 (.394)	110 (4.33)	110 (4.33)
SWD, mm (in)	7 (.276)	10 (.394)	10 (.394)
Strand Width, mm (in)			
Strand Thickness, mm (in)	1 (.039)	1.5 (.059)	2 (.079)
Front Open Area	42%	42%	42%
Air Open	47%	47%	47%
Approx. Weight, kg/m2 (lb/ft2), Aluminum	1.1 (.225)	1.7 (.348)	2.3 (.47)
Approx. Weight, kg/m2 (lb/ft2), Stainless	3.2 (.655)	4.8 (.983)	6.6 (1.35)



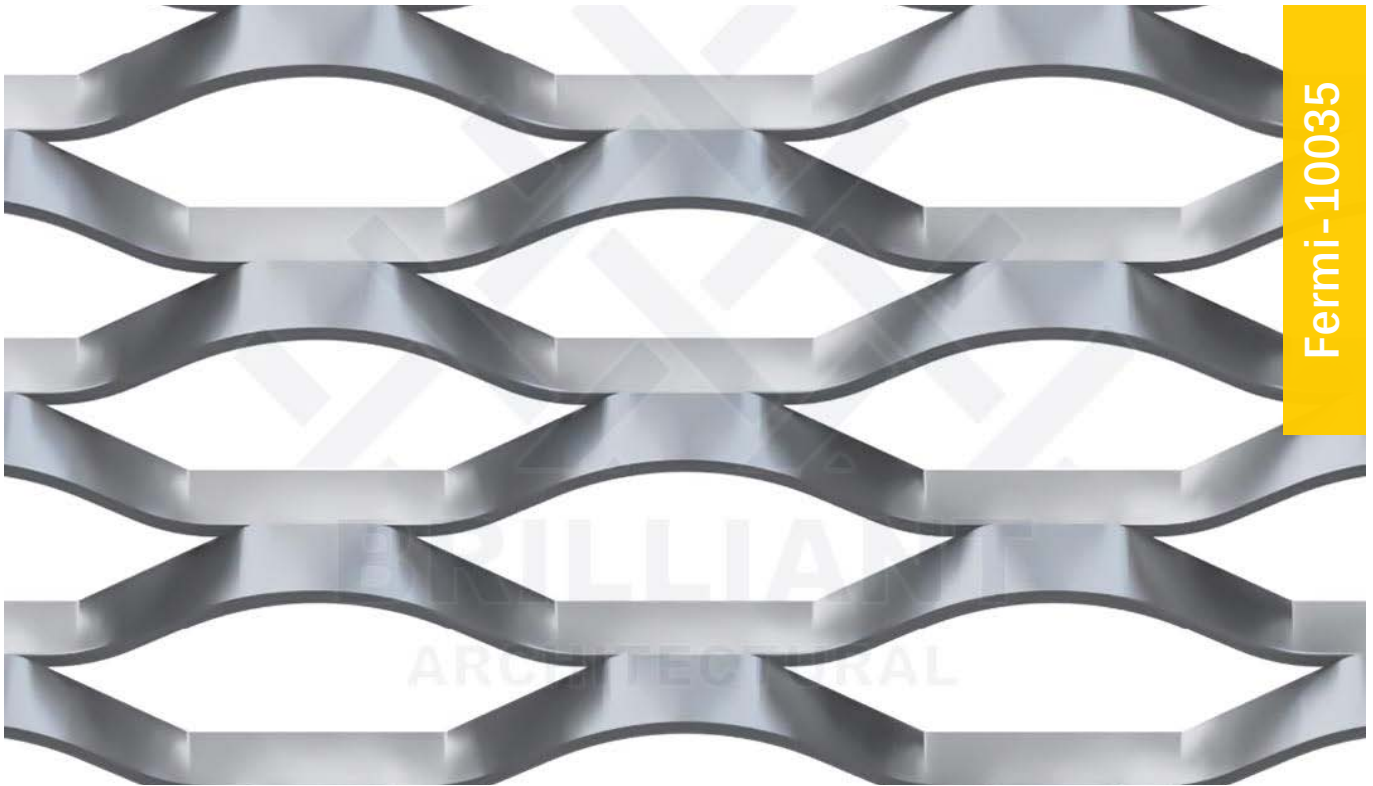
MATERIALS FINISHES



Fermi-5215 Specifications



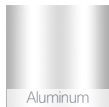
Product Name	Fermi-5215-1	Fermi-5215-2	Fermi-5215-3
LWD, mm (in)	52 (2.05)	52 (2.05)	52 (2.05)
SWD, mm (in)	15 (0.59)	15 (0.59)	15 (0.59)
Strand Width, mm (in)			
Strand Thickness, mm (in)	1 (.039)	1.5 (.059)	2 (.079)
Front Open Area	40%	40%	40%
Air Open	70%	70%	70%
Approx. Weight, kg/m2 (lb/ft2), Aluminum	2 (.41)	3 (.61)	4 (.82)
Approx. Weight, kg/m2 (lb/ft2), Steel	5.5 (1.13)	8 (1.64)	11 (2.52)



MATERIALS FINISHES



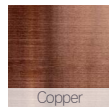
Stainless Steel



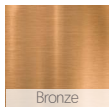
Aluminum



Brass



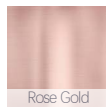
Copper



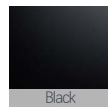
Bronze



Gold



Rose Gold

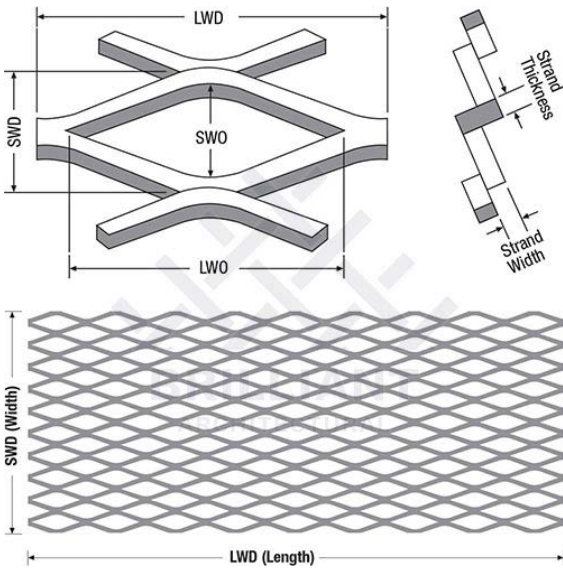


Black

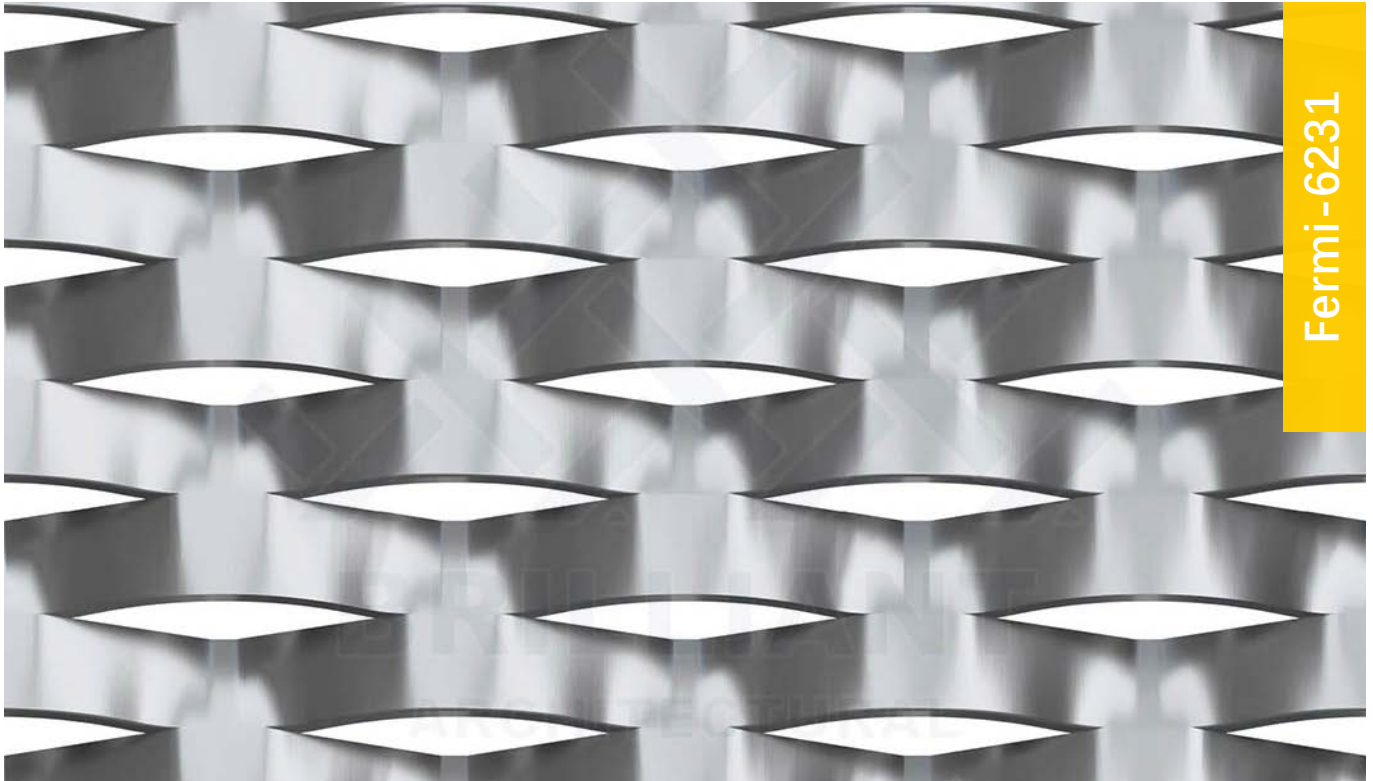


Various Colors

Fermi-10035 Specifications



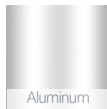
Product Name	Fermi-10035-1	Fermi-10035-2	Fermi-10035-3
LWD, mm (in)	100 (2.48)	100 (2.48)	100 (2.48)
SWD, mm (in)	35 (1.02)	35 (1.02)	35 (1.02)
Strand width, mm (in)	10 (.354)	10 (.354)	10 (.354)
Strand Thickness, mm (in)	1.5 (.059)	2 (.079)	3 (.118)
Front Open Area	50%	50%	50%
Air Flow	70%	70%	70%
Approx. Weight, kg/m2 (lb/ft2), Aluminum	2.2 (.45)	3 (.61)	4.5 (.92)
Approx. Weight, kg/m2 (lb/ft2), Steel	6.5 (1.33)	8.5 (1.74)	13 (2.66)



MATERIALS FINISHES



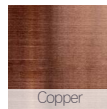
Stainless Steel



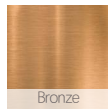
Aluminum



Brass



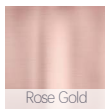
Copper



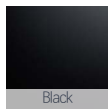
Bronze



Gold



Rose Gold

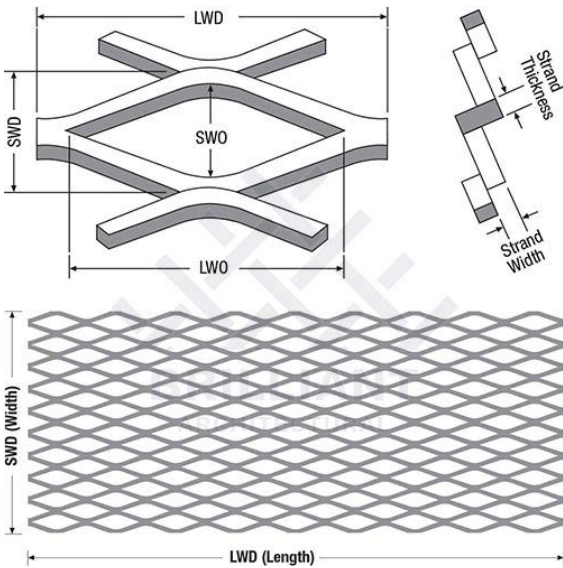


Black

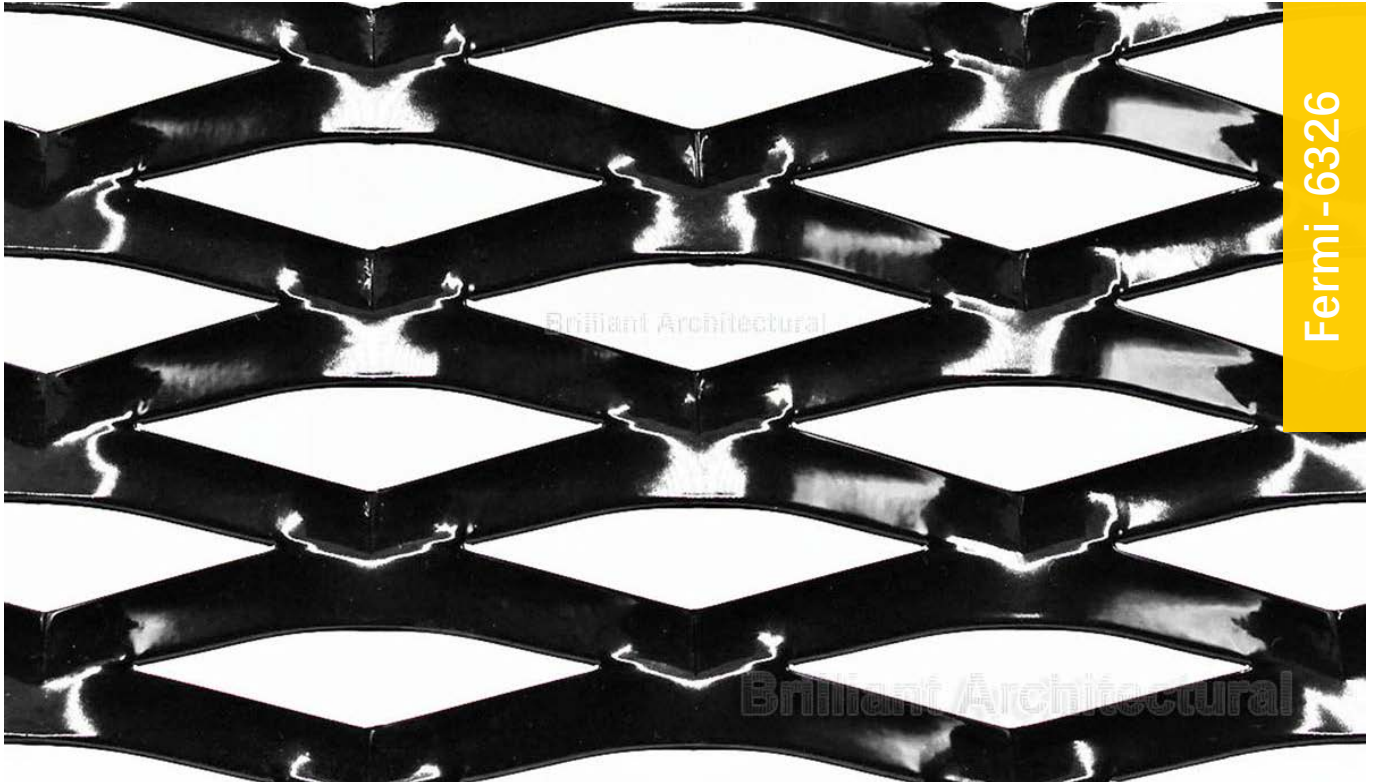


Various Colors

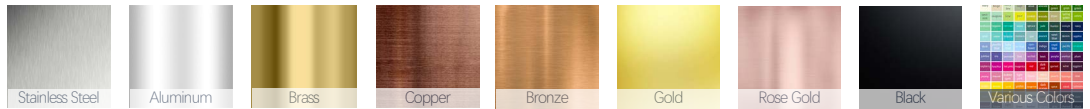
Fermi-6231 Specifications



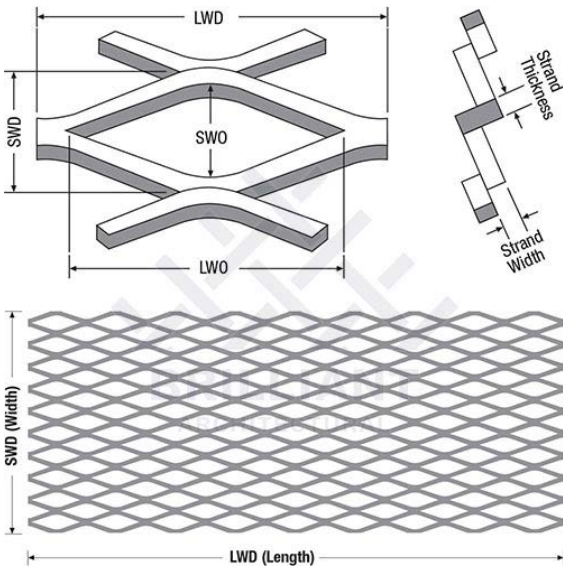
Product Name	Fermi-6231-1	Fermi-6231-2	Fermi-6231-3
LWD, mm (in)	62 (2.44)	62 (2.44)	62 (2.44)
SWD, mm (in)	31 (1.22)	31 (1.22)	31 (1.22)
Strand Width, mm (in)			
Strand Thickness, mm (in)	1.5 (.059)	2 (.079)	3 (.118)
Front Open Area	14%	14%	14%
Air Open	58%	58%	58%
Approx. Weight, kg/m2 (lb/ft2), Aluminum	4 (.82)	5 (1.02)	7.5 (1.54)
Approx. Weight, kg/m2 (lb/ft2), Steel	11 (2.25)	14.5 (2.97)	21.5 (4.4)



MATERIALS FINISHES

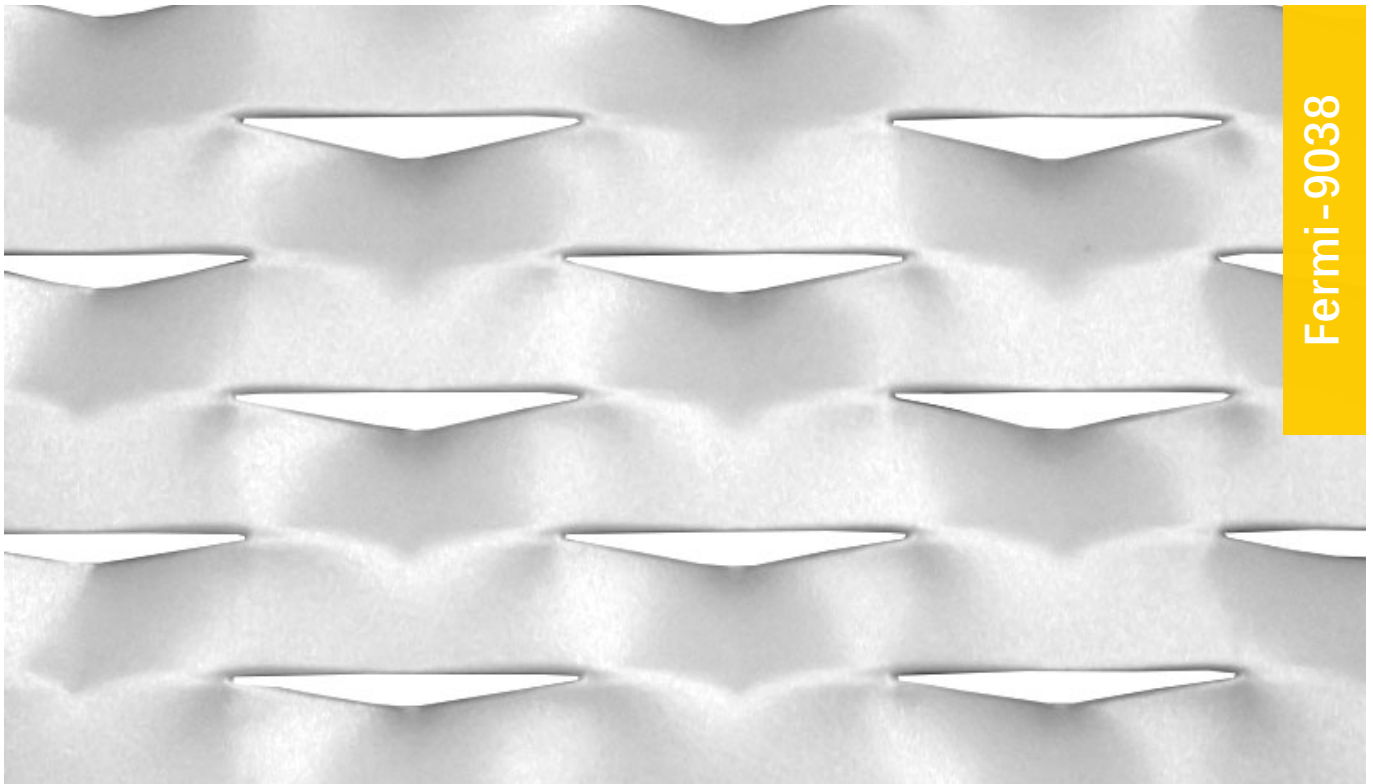


Fermi-6326 Specifications

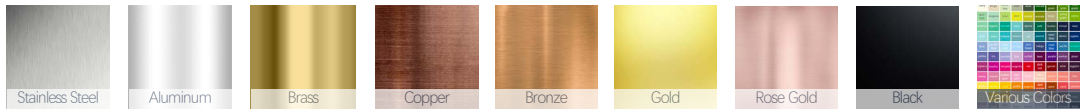


Product Name	Fermi-6326
Material	Aluminum, Stainless Steel
LWD, mm (in)	63 (2.48)
SWD, mm (in)	48 (1.02)
Strand width, mm (in)	9 (.354)
Front Open Area	42%
Air Open	70%

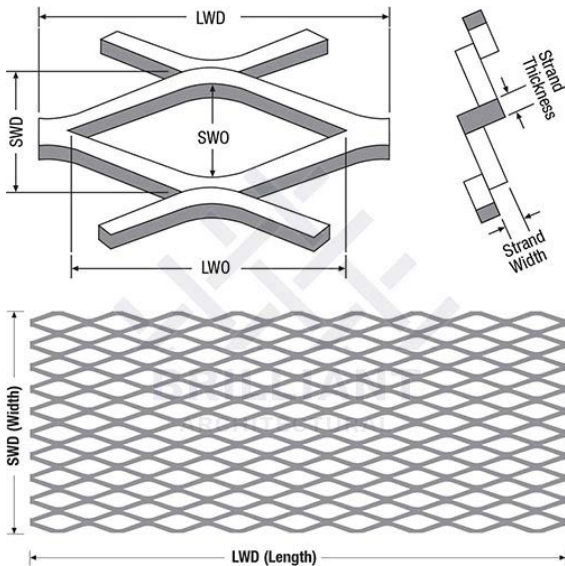
Approx. Weight, kg/m2 (lb/ft2)



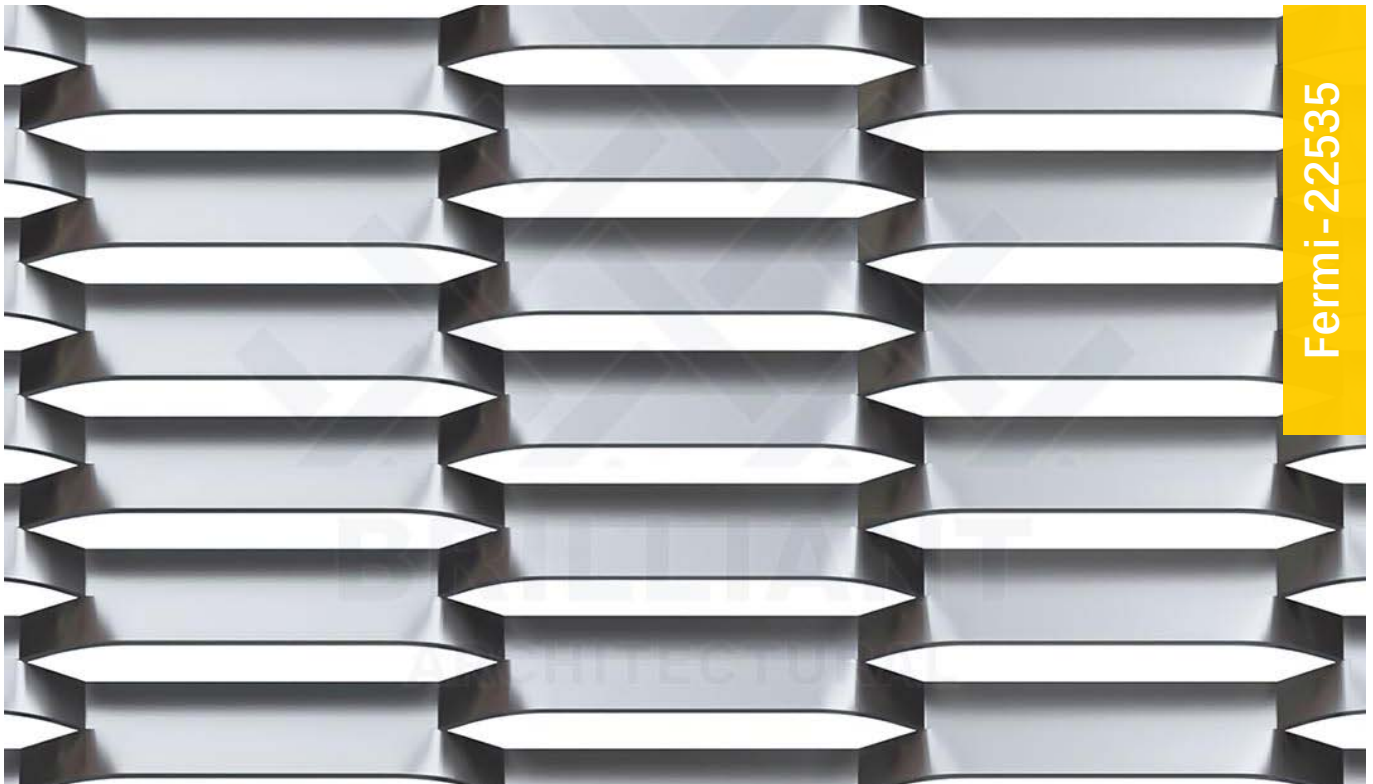
MATERIALS FINISHES



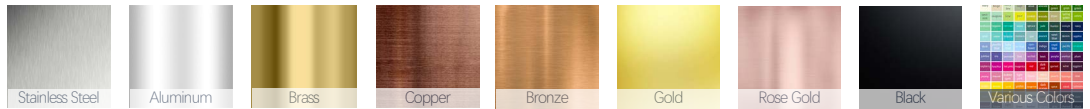
Fermi-9038 Specifications



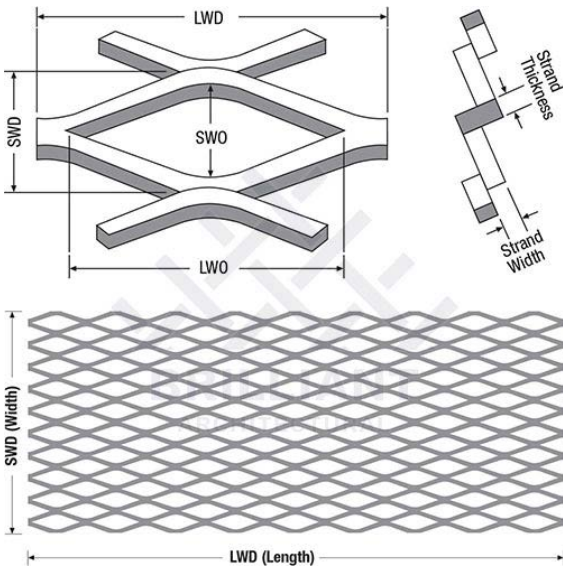
Product Name	Fermi-9038
Material	Aluminum, Stainless Steel
LWD, mm (in)	90 (3.54)
SWD, mm (in)	38 (1.5)
Strand width, mm (in)	18 (.71)
Front Open Area	10%
Air Open	26%
Approx. Weight, kg/m2 (lb/ft2)	



MATERIALS FINISHES

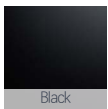
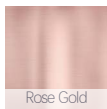
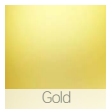
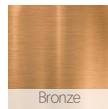
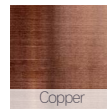
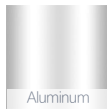


Fermi-22535 Specifications

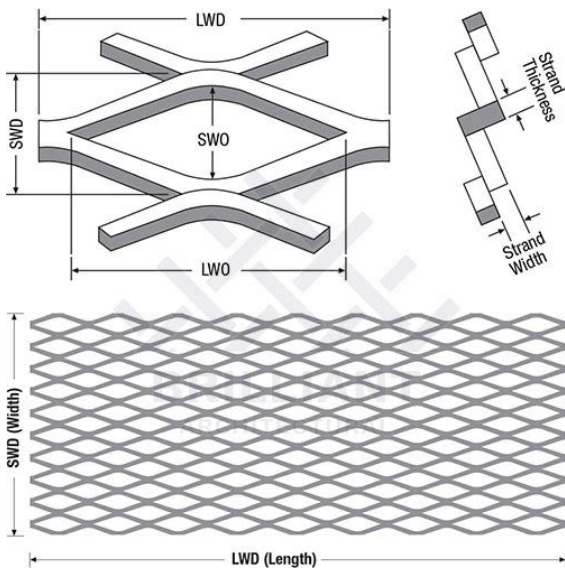


Product Name	Fermi-22535-1	Fermi-22535-2	Fermi-22535-3
LWD, mm (in)	225 (8.86)	225 (8.86)	225 (8.86)
SWD, mm (in)	35 (1.38)	35 (1.38)	35 (1.38)
Strand Width, mm (in)			
Strand Thickness, mm (in)	1.5 (.059)	2 (.079)	3 (.118)
Front Open Area	28%	28%	28%
Air Open	80%	80%	80%
Weight, kg/m ² (lb/ft ²), Aluminum	3.5 (.72)	4.6 (.94)	7 (1.43)
Weight, kg/m ² (lb/ft ²), StainlessSteel	10 (2.05)	13.5 (2.77)	20 (4.1)

MATERIALS FINISHES



Fermi-20080 Specifications



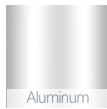
Product Name	Fermi-20080
Material	Aluminum, Stainless Steel
LWD, mm (in)	200 (7.87)
SWD, mm (in)	80 (3.15)
Strand width, mm (in)	24 (.945)
Front Open Area	52%
Air Open	80%

Approx. Weight, kg/m2 (lb/ft2)

MATERIALS FINISHES



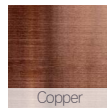
Stainless Steel



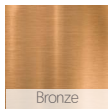
Aluminum



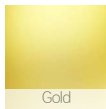
Brass



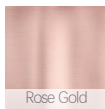
Copper



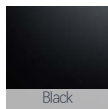
Bronze



Gold



Rose Gold

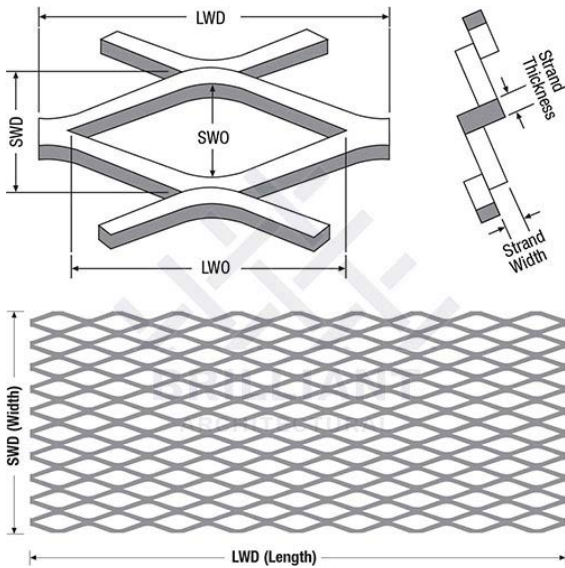


Black



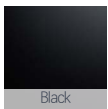
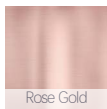
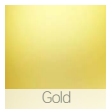
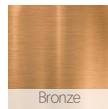
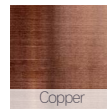
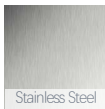
Various Colors

Fermi-11010 Specifications

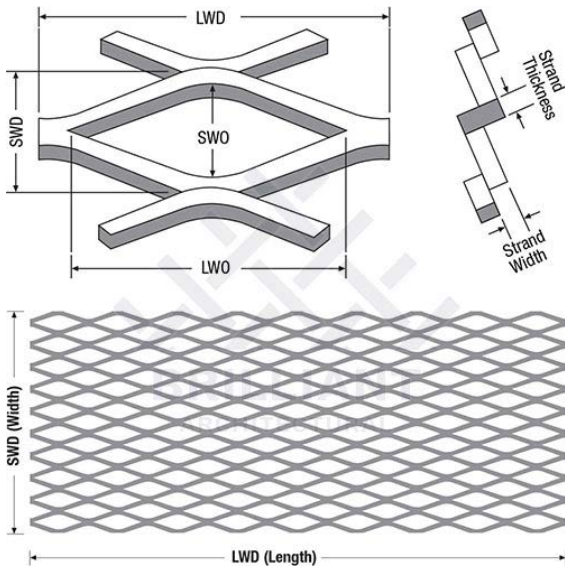


Product Name	Fermi-11010-1	Fermi-11010-2	Fermi-11010-3
LWD, mm (in)	110 (4.33)	110 (4.33)	110 (4.33)
SWD, mm (in)	10 (.394)	10 (.394)	10 (.394)
Strand Width, mm (in)	10 (.394)	10 (.394)	10 (.394)
Strand Thickness, mm (in)	1.5 (.059)	2 (.787)	3 (.118)
Front Open Area	45%	45%	45%
Air Open	65%	65%	65%
Approx. Weight, kg/m2 (lb/ft2)	2.3 (0.47)	3.1 (.635)	4.6 (.942)

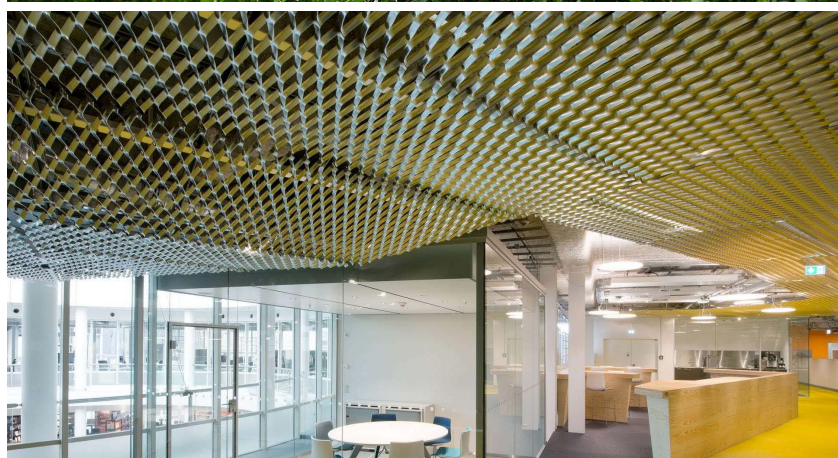
MATERIALS FINISHES



Fermi-503 Specifications

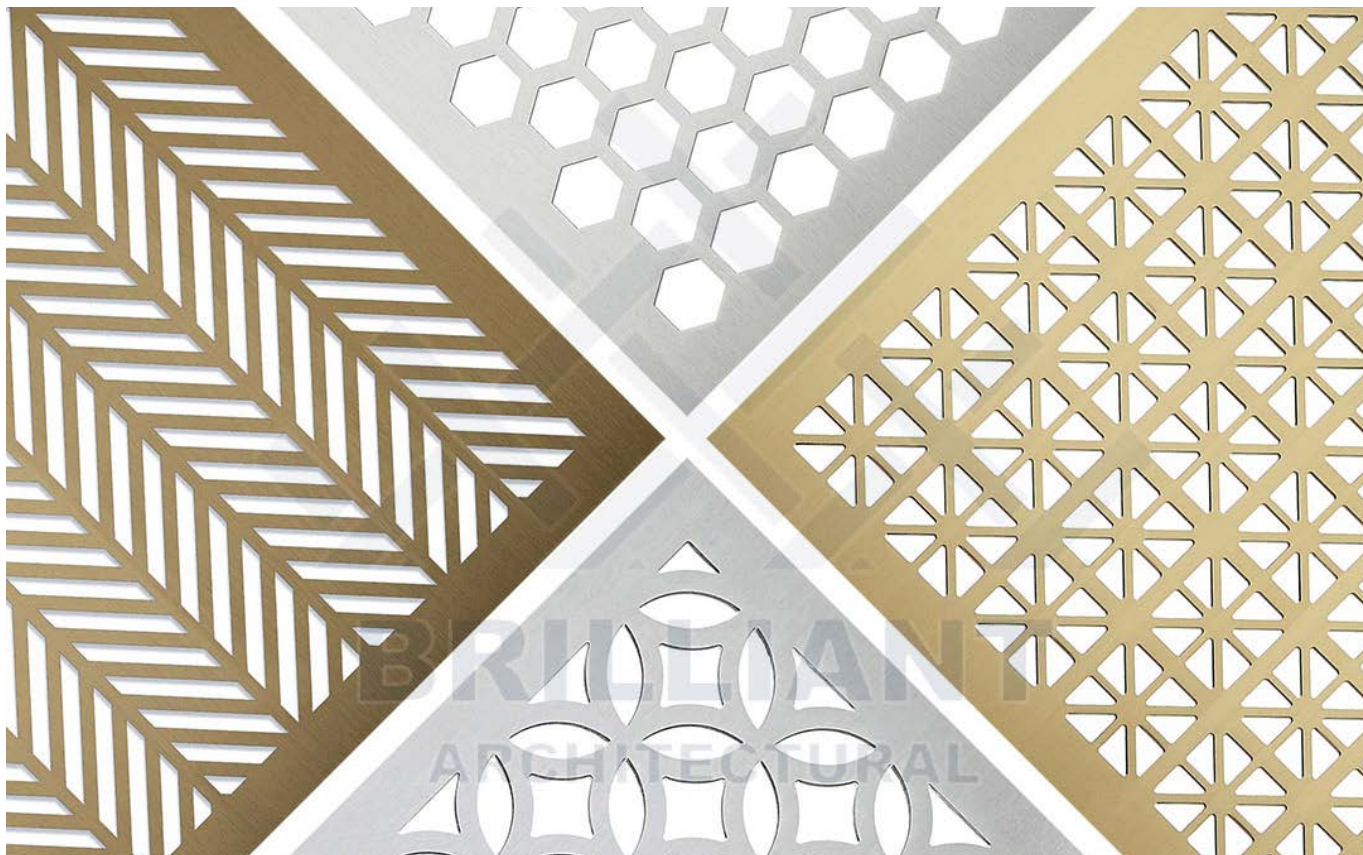


Product Name	Fermi-503
LWD, mm (in)	50 (1.97)
SWD, mm (in)	3.5 (.138)
Strand Width, mm (in)	
Strand Thickness, mm (in)	0.5 (.0197)
Front Open Area	60%
Air Open	75%
Approx. Weight, kg/m2 (lb/ft2)	0.52 (0.107)



TYPICAL APPLICATIONS

- Façades
- Sun screening
- Security panels
- Balustrade
- Stair/lift enclosures
- Ceiling panels
- Interior & exterior screening
- Fire escape stair cladding
- Wall cladding
- Architectural metalwork
- Cabinet doors
- Inserts for stair railing



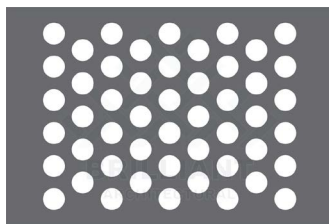
Architectural Perforated Metal Panels

Architectural perforated metal panels are sheets with precision-cut holes in various patterns, offering both functional and aesthetic benefits.

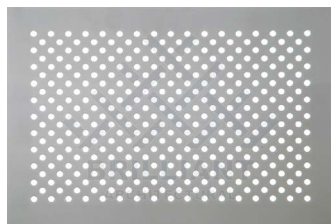
Common materials include stainless steel, aluminum, and carbon steel, known for their durability, corrosion resistance, and lightweight properties. Patterns range from simple round, square, or slot holes to intricate custom designs.

Key features include sound absorption, light filtration, ventilation, and design versatility. In architectural applications, these panels are used for facades, sunshades, ceilings, balustrades, and interior partitions. They enhance building aesthetics, provide solar shading, and improve energy efficiency.

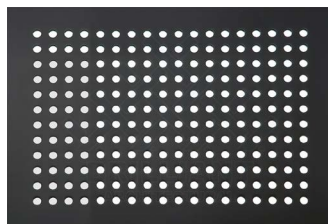
Perforated metal panels are also used for acoustic control in auditoriums and offices. Their adaptability makes them ideal for creating visually striking, functional designs in modern architecture.



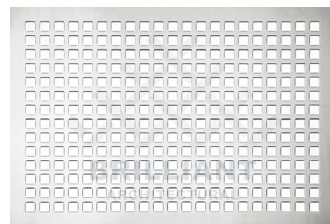
Round Hole - 60° Staggered



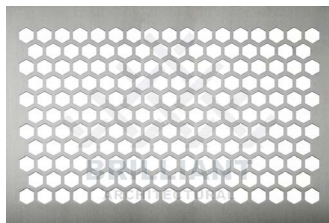
Round Hole - 45° Staggered



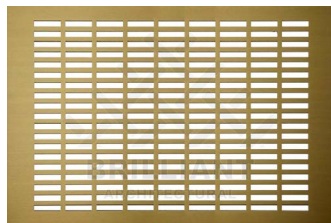
Round Hole - 90° Straight



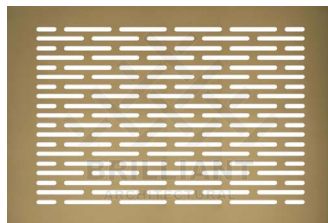
Square Hole - 90° Straight



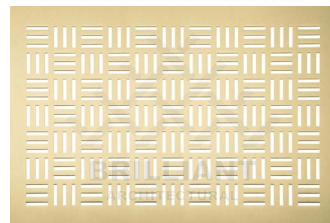
Honeycomb



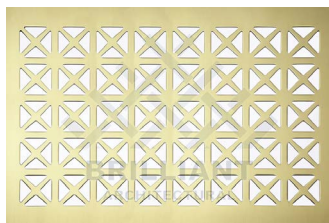
Rectangle Slotted Hole



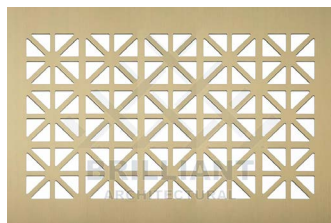
Round-end Slotted Hole



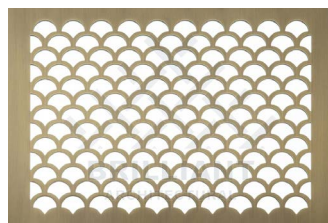
Parquet-35



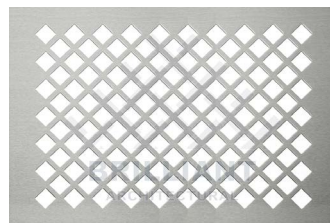
Cross Pattern



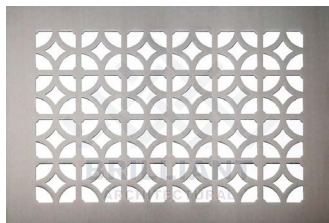
Union Jack



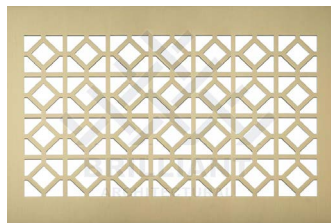
Mushroom Pattern



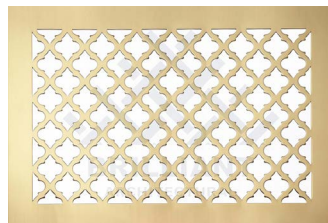
Diamond Pattern



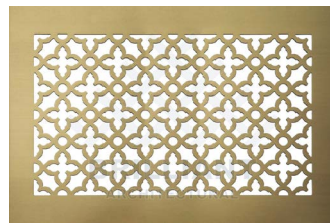
Apollo



Windsor Pattern



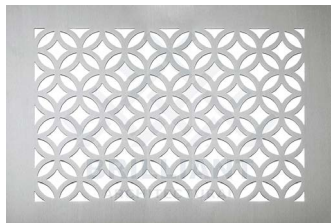
Classic Pattern



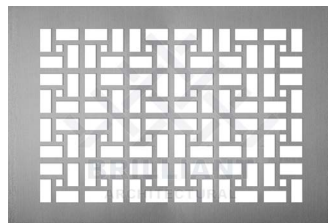
Majestic Pattern



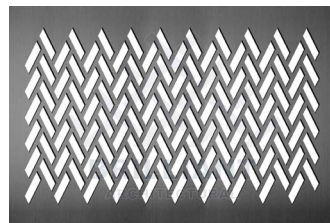
Chevron Pattern



CircleLink-65



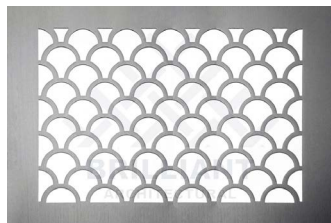
Chinese Window



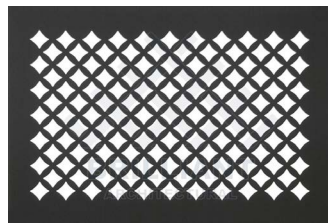
Herringbone Pattern



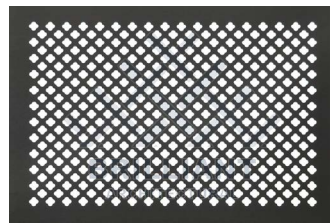
Rainbow-7963



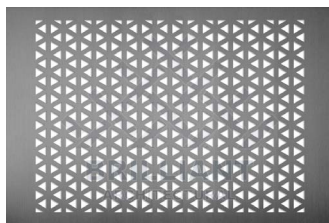
Shell Pattern



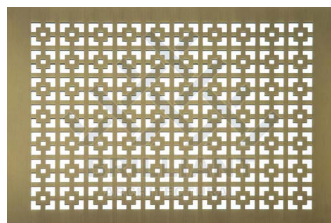
Mosaic Pattern



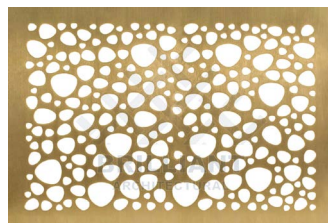
Cloverleaf



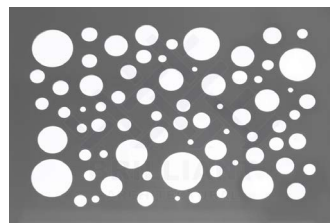
Maxwell-68



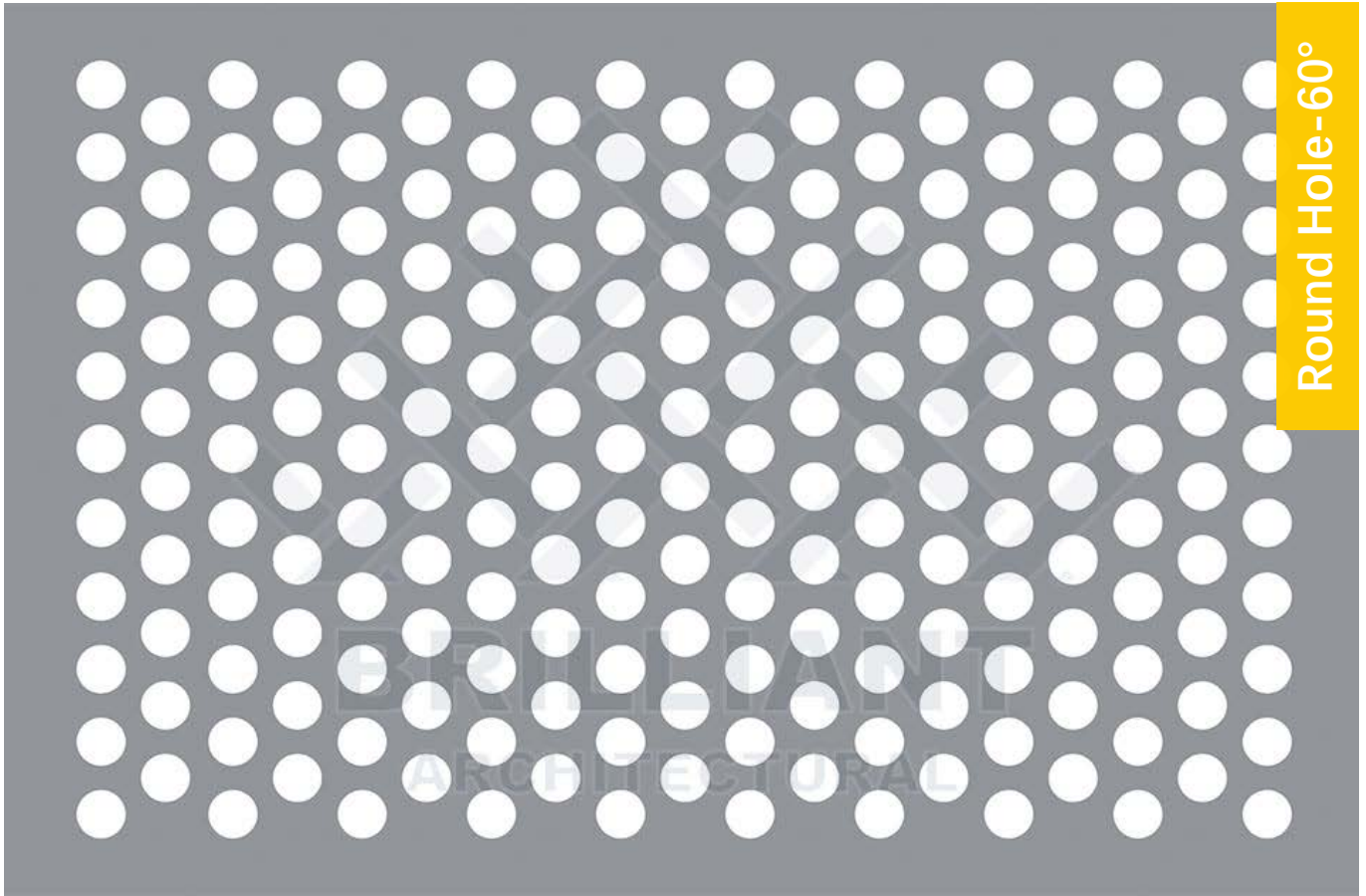
Qin-50



Pebble



Bubble



MATERIALS FINISHES



Stainless Steel



Aluminum



Plain Steel



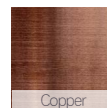
Galvanized Steel



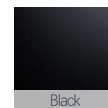
Brass



Gold



Copper

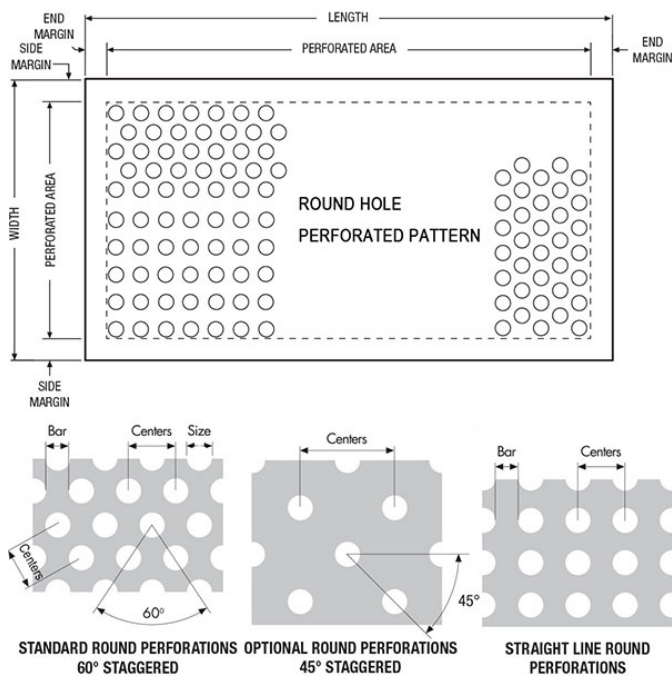


Black



Various Colors

Round Hole-60° Staggered Specifications



Product Name

Round Hole-60° Staggered

Material

Stainless Steel, Aluminum, Brass, Copper

Diameter (Hole Size), mm (in)

Various

Centers, mm (in)

Various

Staggered

60°

Side & End Margin, mm (in)

On demand

Open Area

Various

Approx. Weight, kg/m² (lb/ft²)

Aluminum

Approx. Weight, kg/m² (lb/ft²)

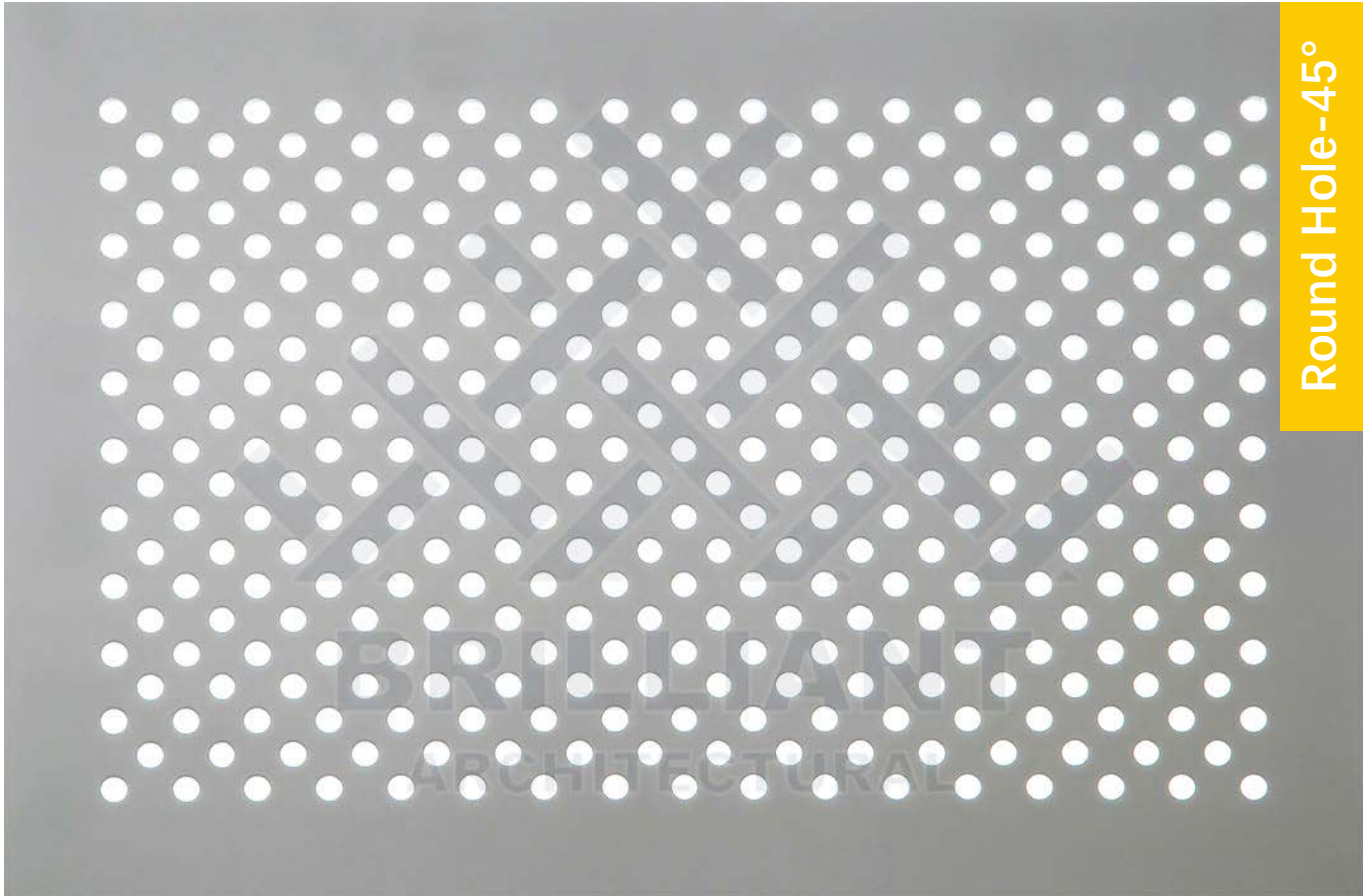
Steel

Approx. Weight, kg/m² (lb/ft²)

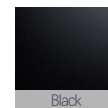
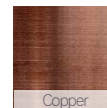
Brass

Approx. Weight, kg/m² (lb/ft²)

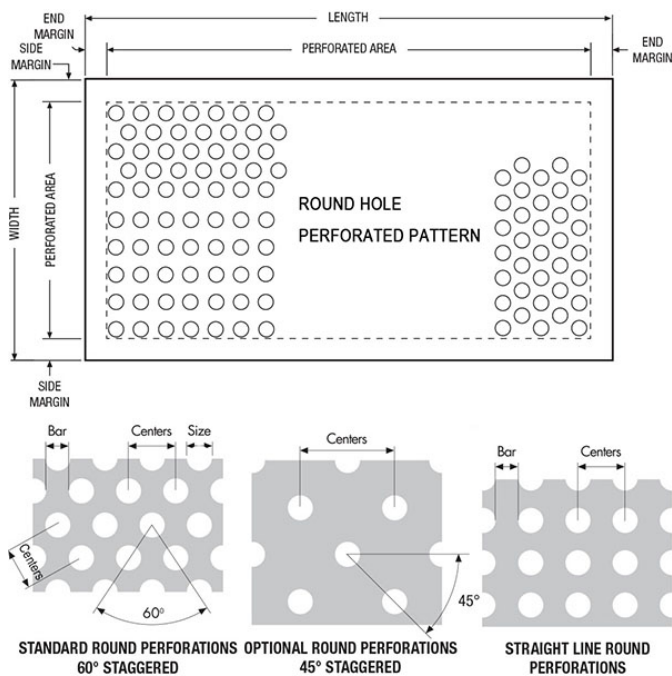
Copper



MATERIALS FINISHES



Round Hole-45° Staggered Specifications



Product Name

Round Hole-60° Staggered

Material

Stainless Steel, Aluminum, Brass, Copper

Diameter (Hole Size), mm (in)

On demand

Centers, mm (in)

1.2 (.047)

Staggered

45°

Side & End Margin, mm (in)

On demand

Open Area

Various

Approx. Weight, kg/m2 (lb/ft2)

Aluminum

Approx. Weight, kg/m2 (lb/ft2)

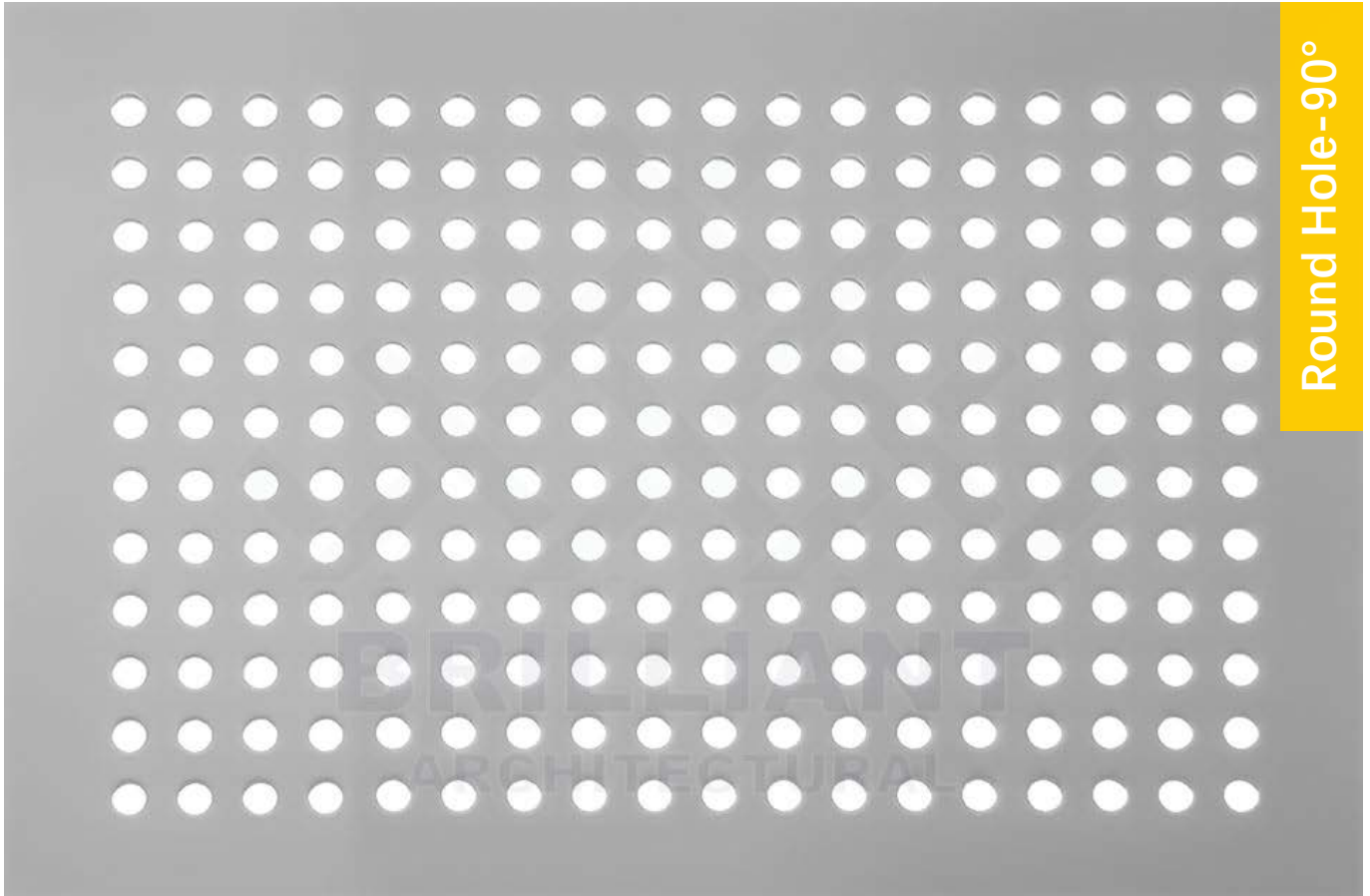
Steel

Approx. Weight, kg/m2 (lb/ft2)

Brass

Approx. Weight, kg/m2 (lb/ft2)

Copper



MATERIALS FINISHES



Stainless Steel



Aluminum



Plain Steel



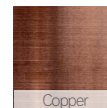
Galvanized Steel



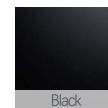
Brass



Gold



Copper

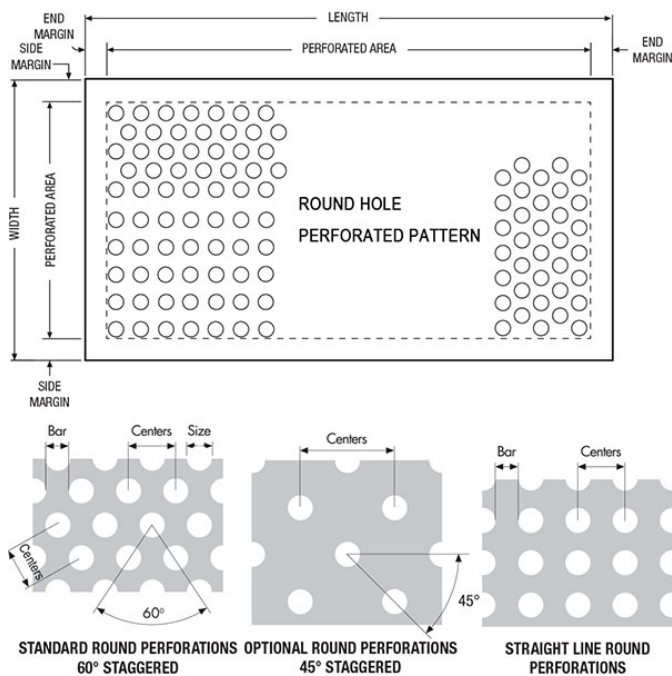


Black



Various Colors

Round Hole-90° Straight Specifications



Product Name

Round Hole-90° Staggered

Material

Stainless Steel, Aluminum, Brass, Copper

Diameter (Hole Size), mm (in)

On demand

Centers, mm (in)

1.2 (.047)

Staggered

90° (Straight)

Side & End Margin, mm (in)

On demand

Open Area

Various

Approx. Weight, kg/m2 (lb/ft2)

Aluminum

Approx. Weight, kg/m2 (lb/ft2)

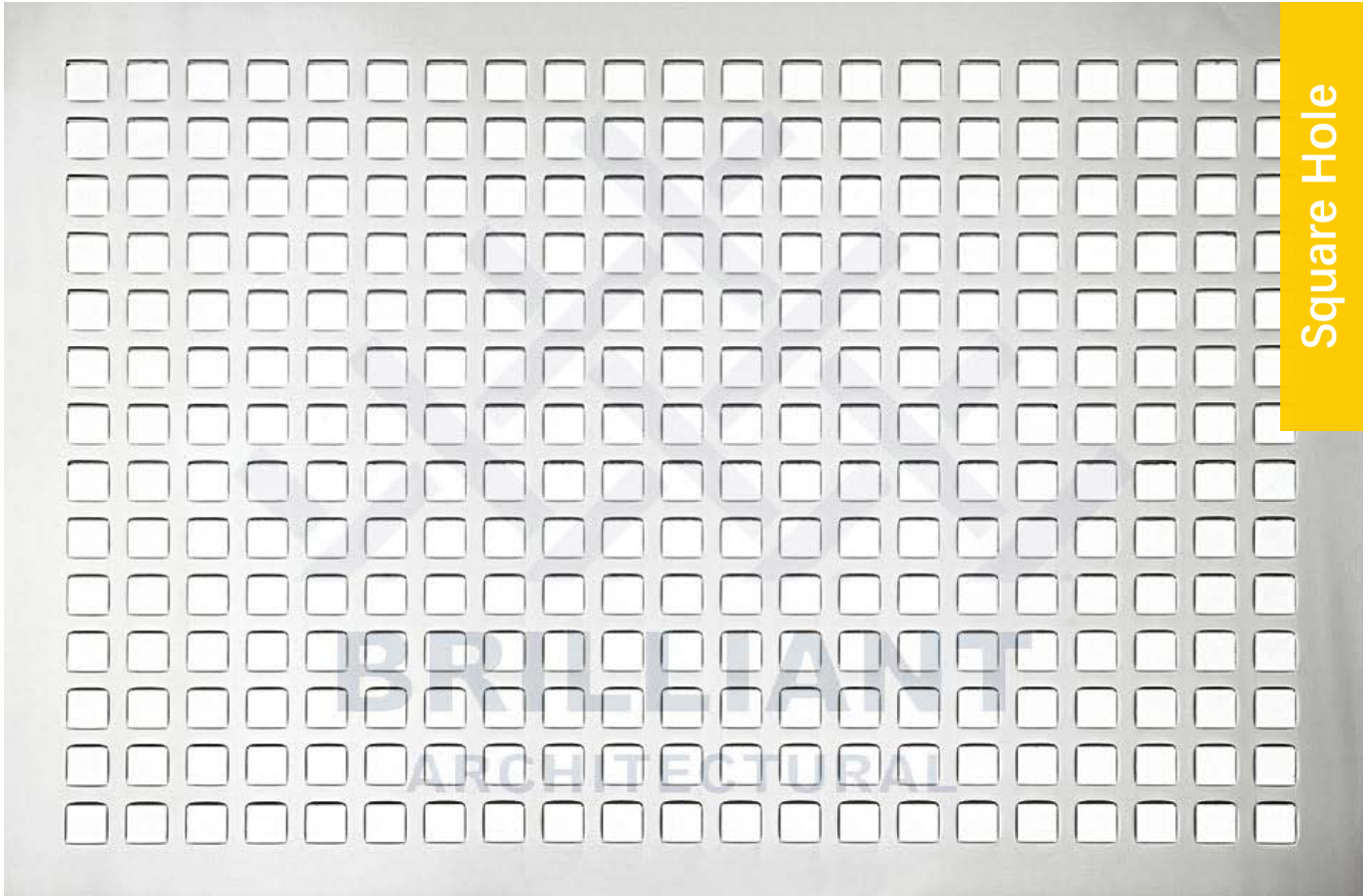
Steel

Approx. Weight, kg/m2 (lb/ft2)

Brass

Approx. Weight, kg/m2 (lb/ft2)

Copper



MATERIALS FINISHES



Stainless Steel



Aluminum



Plain Steel



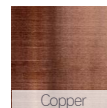
Galvanized Steel



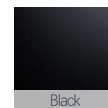
Brass



Gold



Copper

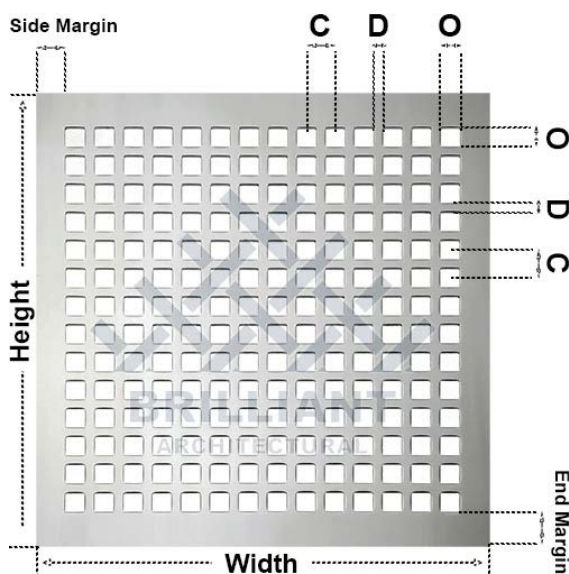


Black

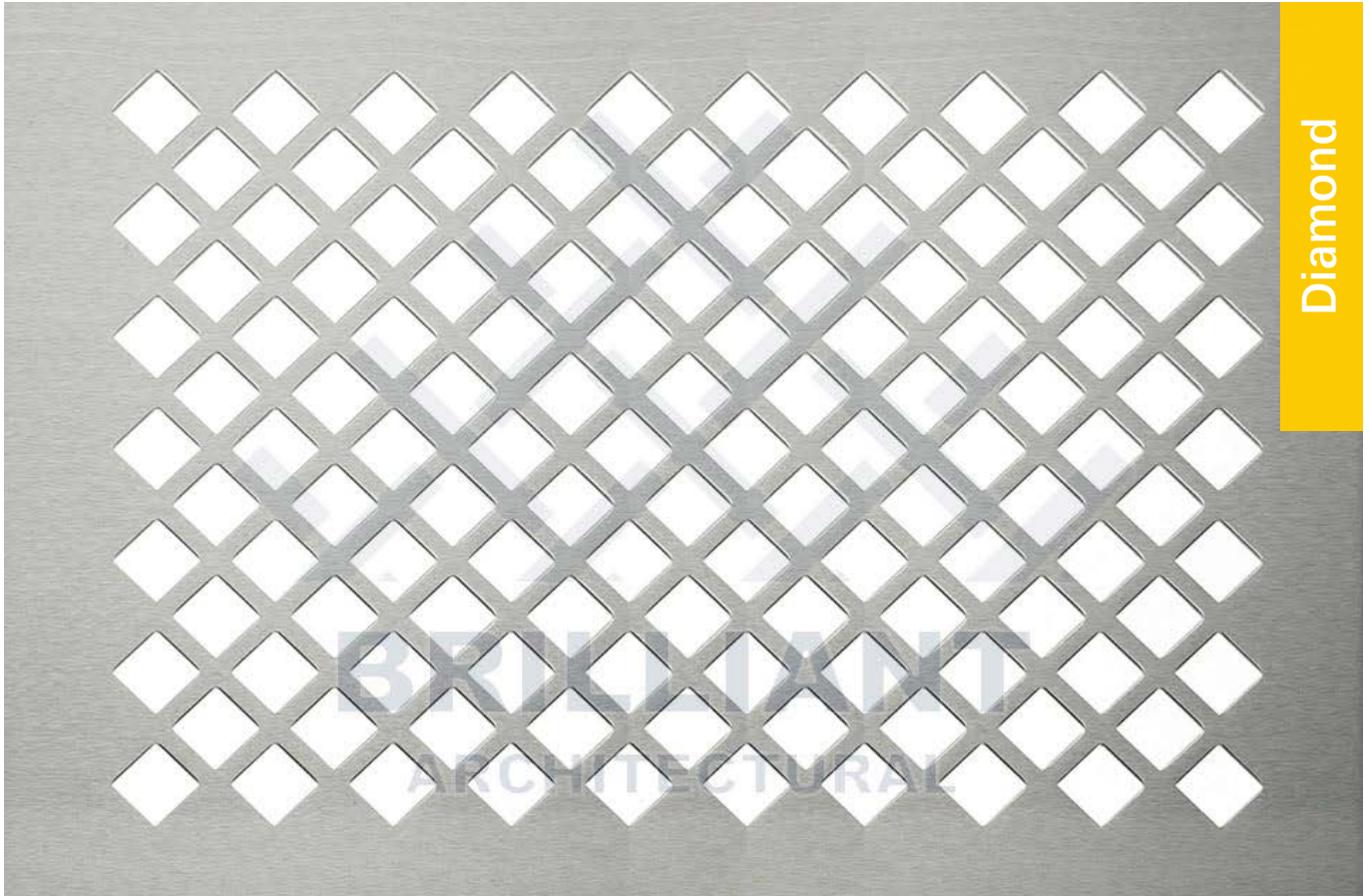


Various Colors

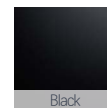
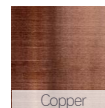
Square Hole-Straight Specifications



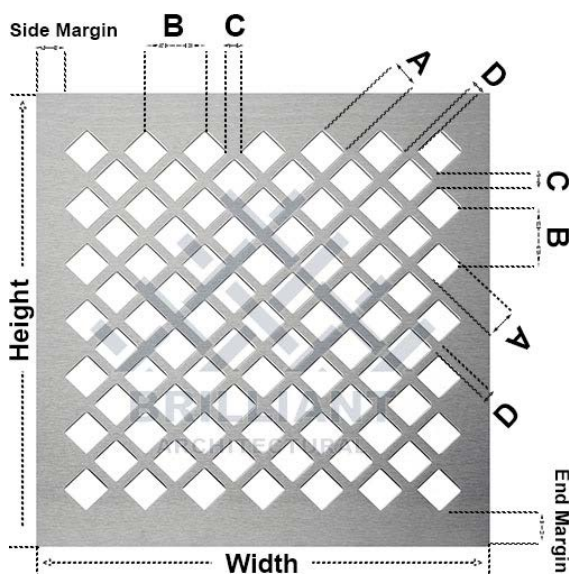
Product Name	Square Hole
Material	Stainless Steel, Aluminum, Brass, Copper
Hole Size, mm (in)	On demand
Centers, mm (in)	1.2 (.047)
Straight	90°
Side Margin, mm (in)	On demand
End Margin, mm (in)	On demand
Open Area	Various
Approx. Weight, kg/m2 (lb/ft2)	Aluminum
Approx. Weight, kg/m2 (lb/ft2)	Steel
Approx. Weight, kg/m2 (lb/ft2)	Brass
Approx. Weight, kg/m2 (lb/ft2)	Copper



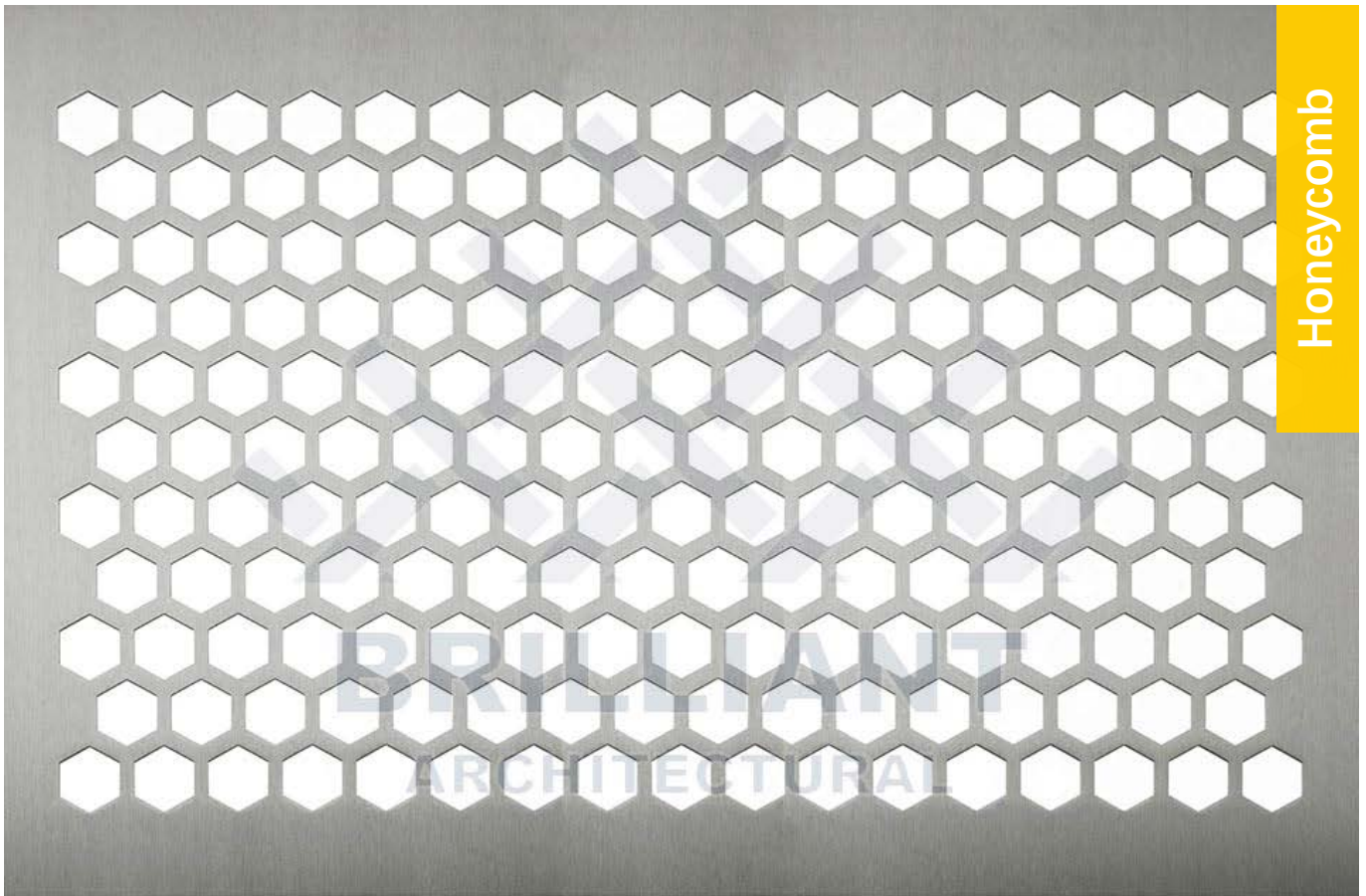
MATERIALS FINISHES



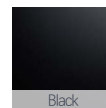
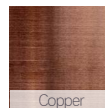
Diamond Pattern Specifications



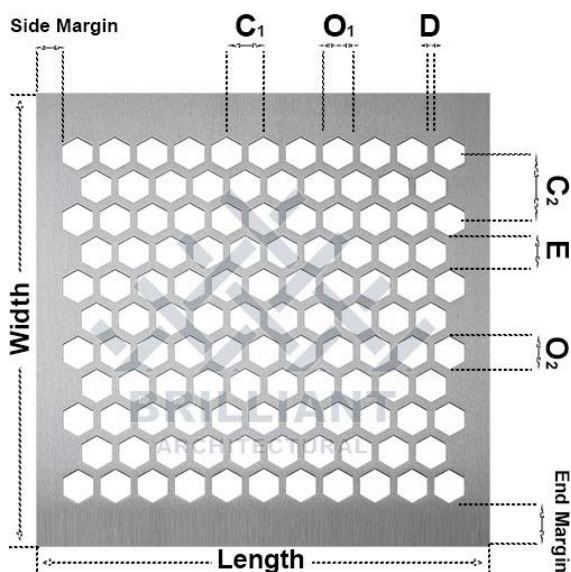
Product Name	Diamond -338	Diamond -340	Diamond -350	Diamond -355
A, mm (in)	6.35 (1/4)	12.7 (1/2)	19 (3/4)	25.4 (1)
B, mm (in)	17.5 (11/16)	27 (1 1/16)	44.5 (1 3/4)	63.5 (2")
C, mm (in)	9.5 (3/8)	9.5 (3/8)	9.5 (3/8)	9.5 (3/8)
D, mm (in)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
Margins, mm (in)	On Request			
Thickness, mm (in)	On Request			
Open Area	25%	43%	52%	57%
Material	Steel, Aluminum, Copper, Brass			



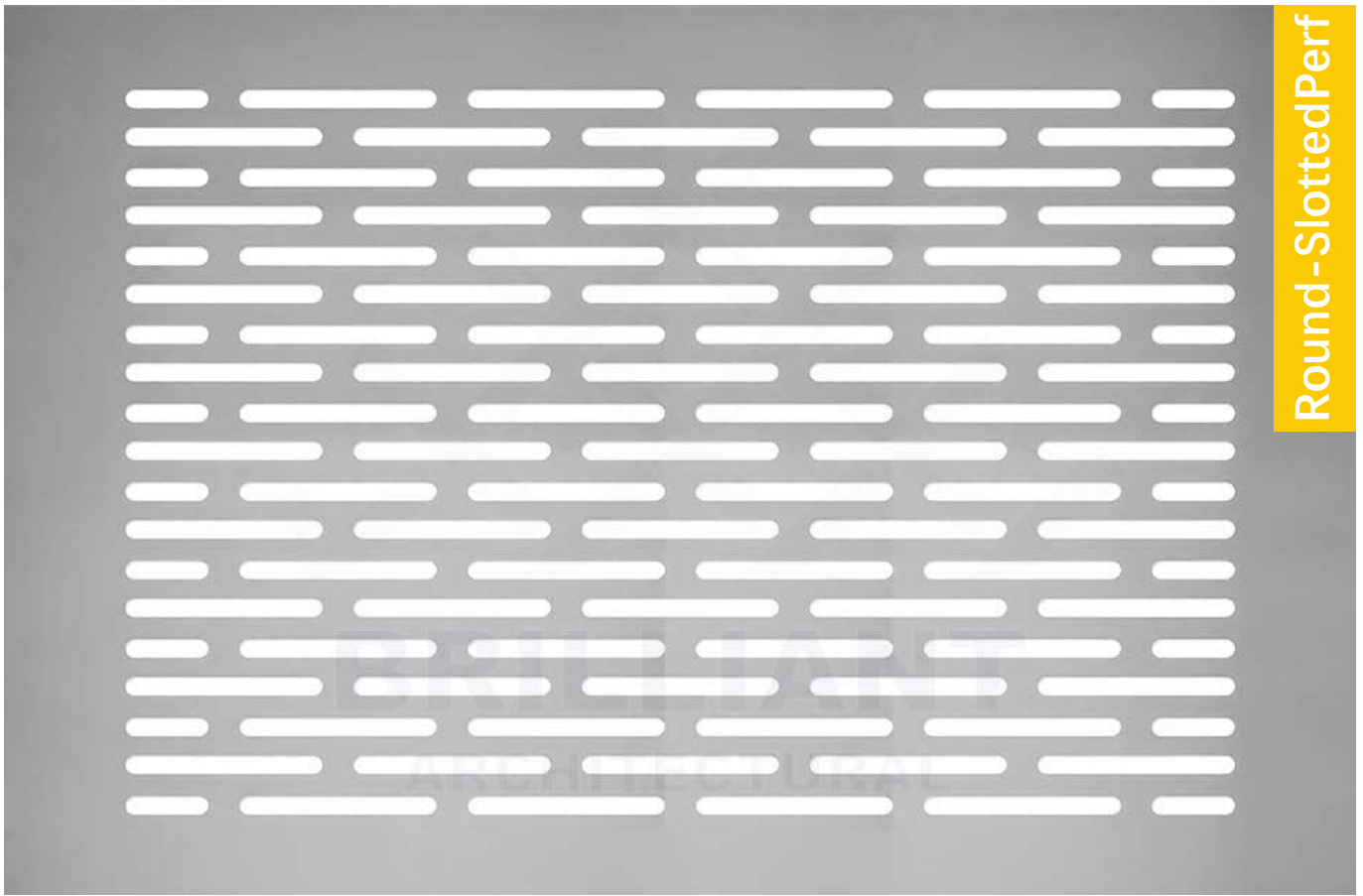
MATERIALS FINISHES



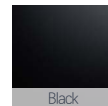
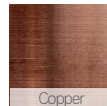
Honeycomb Specifications



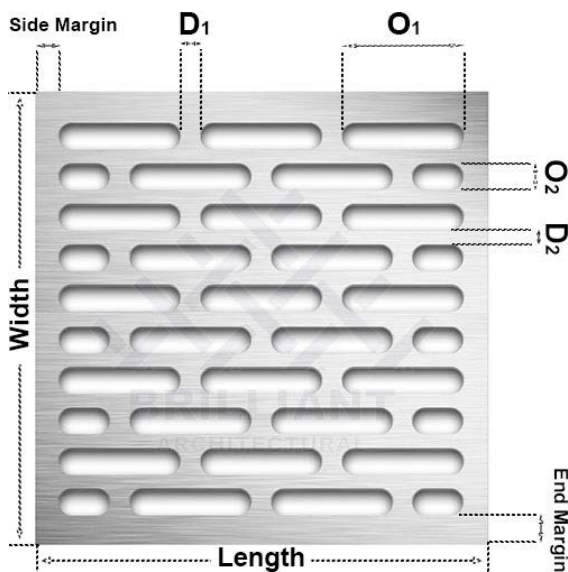
Product Name	Honeycomb-55
O1, mm (in)	19 (0.75)
O2, mm (in)	22 (0.866)
C1, mm (in)	25.4 (1)
C2, mm (in)	44.5 (1.75)
D, mm (in)	6.35 (0.25)
E, mm (in)	22 (0.875)
Margins, mm (in)	On Request
Thickness, mm (in)	On Request
Open Area	55%
Material	Steel, Aluminum, Copper, Brass



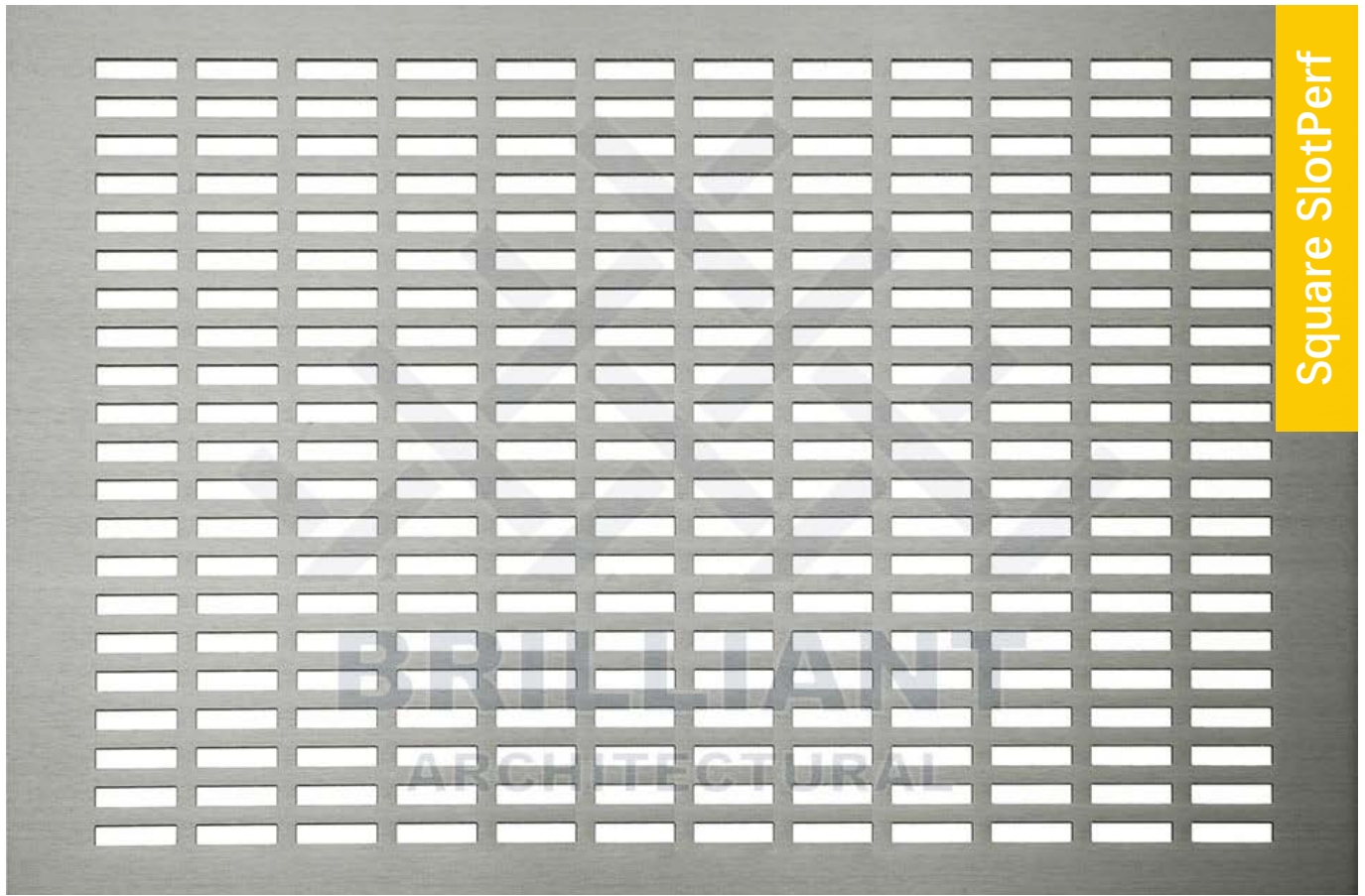
MATERIALS FINISHES



Round-End SlottedPerf Specifications



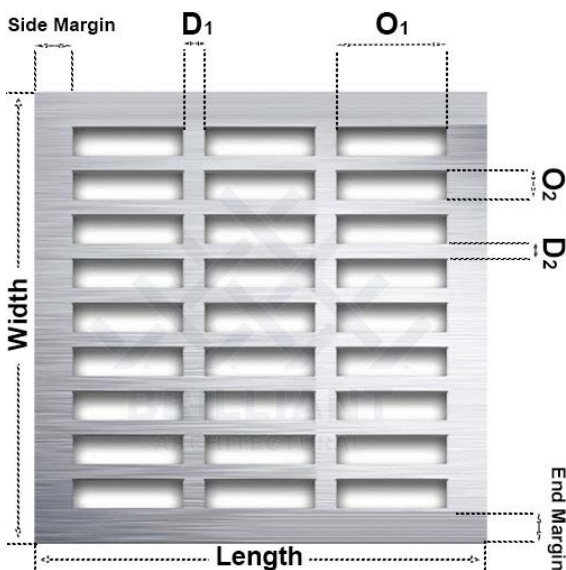
Product Name	SlottedPerf-6445
O1, mm (in)	63.5 (2 1/2)
O2, mm (in)	6.35 (1/4)
D1, mm (in)	9.5 (3/8)
D2, mm (in)	6.35 (1/4)
Margins, mm (in)	On Request
Thickness, mm (in)	0.5-3mm
Open Area	45%
Material	Steel, Aluminum, Copper, Brass



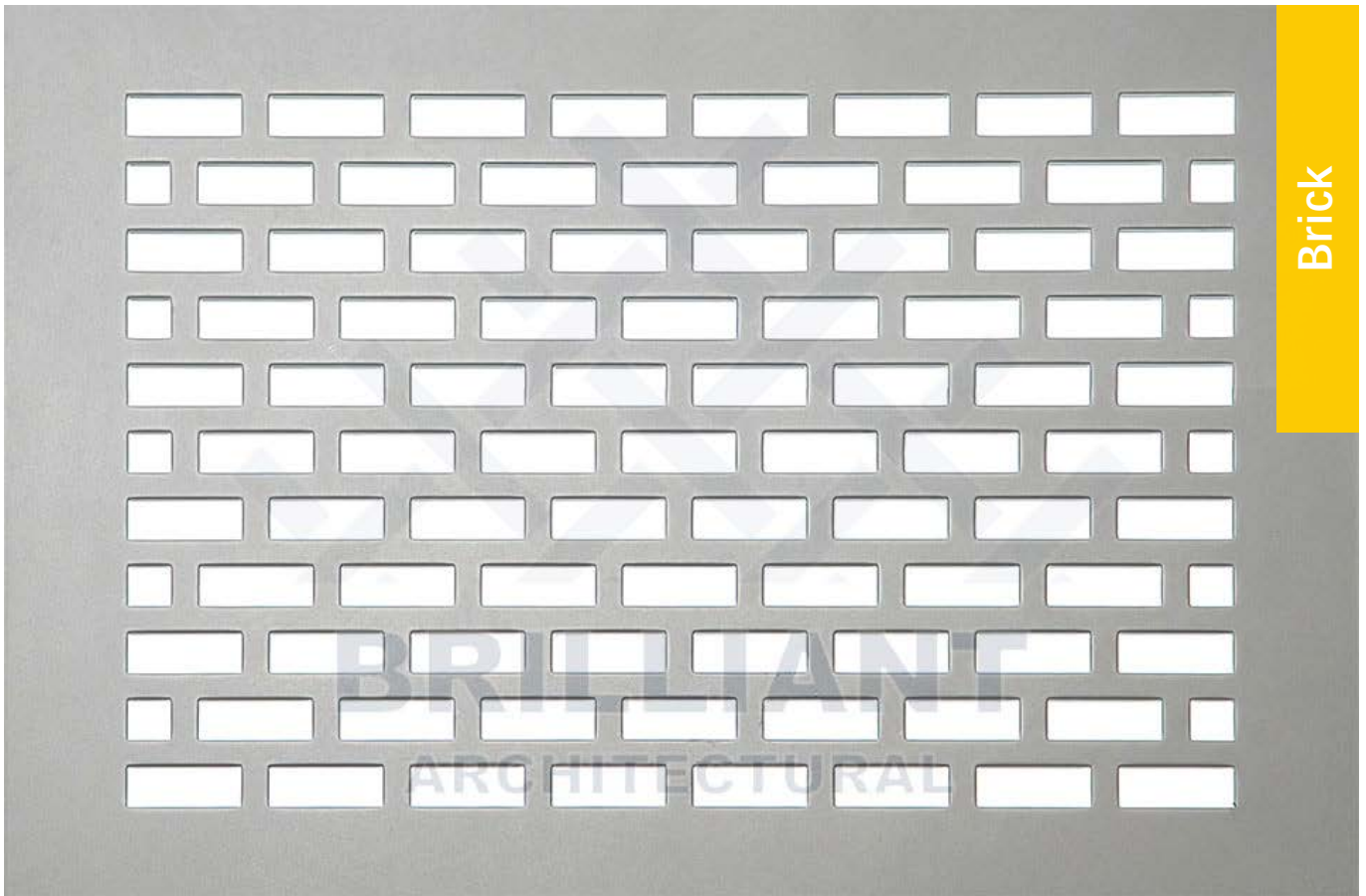
MATERIALS FINISHES



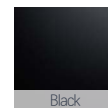
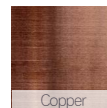
Square SlotPerf Specifications



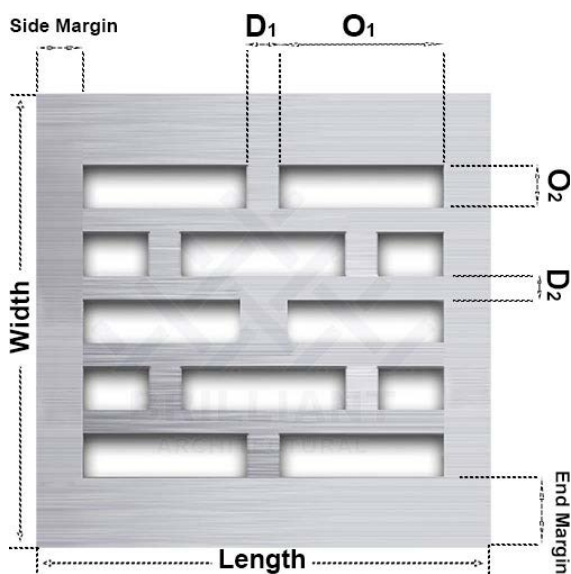
Product Name	SlotPerf-2543	SlottedPerf-3550
O1, mm (in)	25.4 (1)	35 (1 3/8)
O2, mm (in)	6.35 (1/4)	7.94 (5/16)
D1, mm (in)	6.35 (1/4)	6.35 (1/4)
D2, mm (in)	6.35 (1/4)	6.35 (1/4)
Margins, mm (in)	On Request	On Request
Thickness, mm (in)	0.5-3mm	0.5-3mm
Open Area	43%	50%
Material	Steel, Aluminum, Copper, Brass	



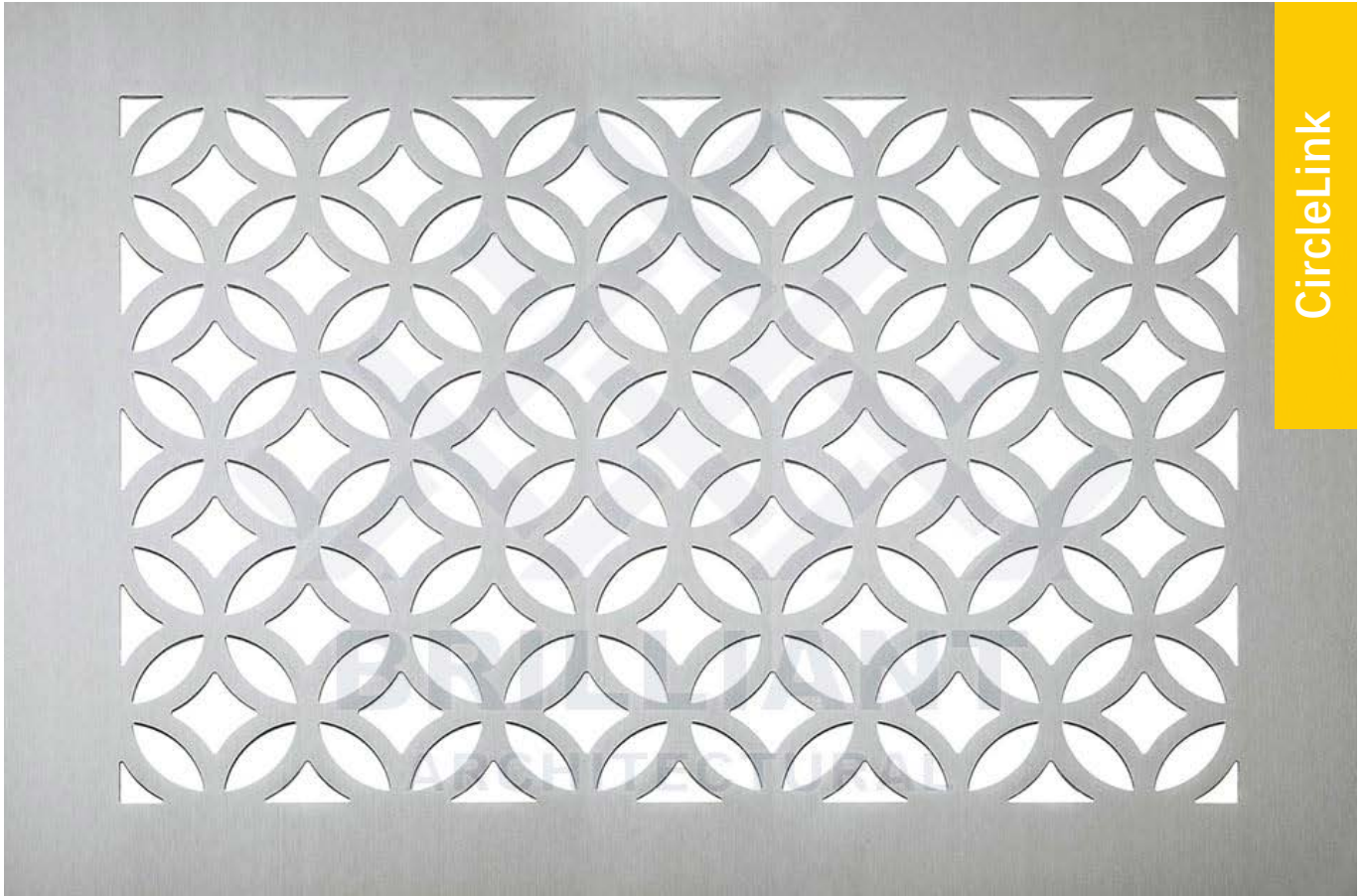
MATERIALS FINISHES



Brick Pattern Specifications



Product Name	Brick-2535	Brick-2545
O1, mm (in)	25.4 (1)	25.4 (1)
O2, mm (in)	6.35 (1/4)	35 (1 3/8)
D1, mm (in)	6.35 (1/4)	6.35 (1/4)
D2, mm (in)	6.35 (1/4)	6.35 (1/4)
Margins, mm (in)	On Request	On Request
Thickness, mm (in)	0.5-3mm	0.5-3mm
Open Area	35%	45%
Material	Steel, Aluminum, Copper, Brass	



MATERIALS FINISHES



Stainless Steel



Aluminum



Plain Steel



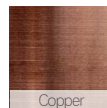
Galvanized Steel



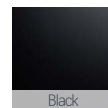
Brass



Gold



Copper

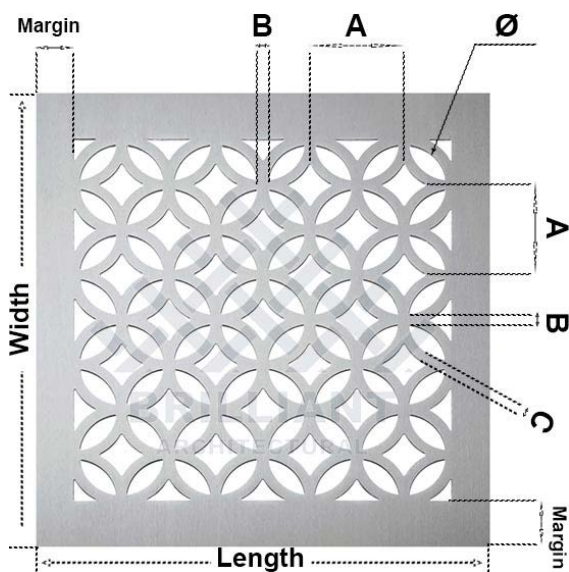


Black

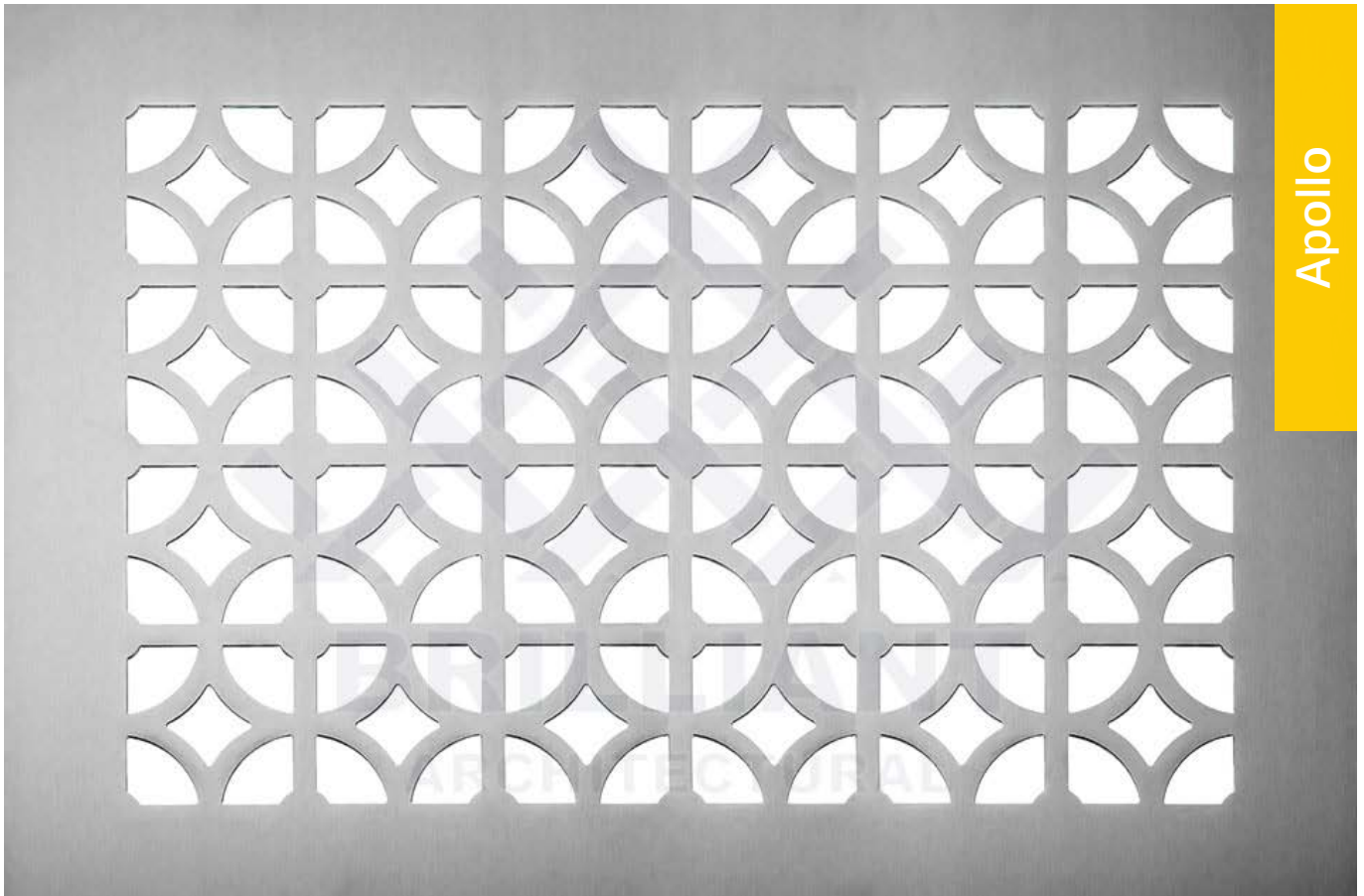


Various Colors

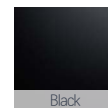
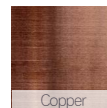
CircleLink Specifications



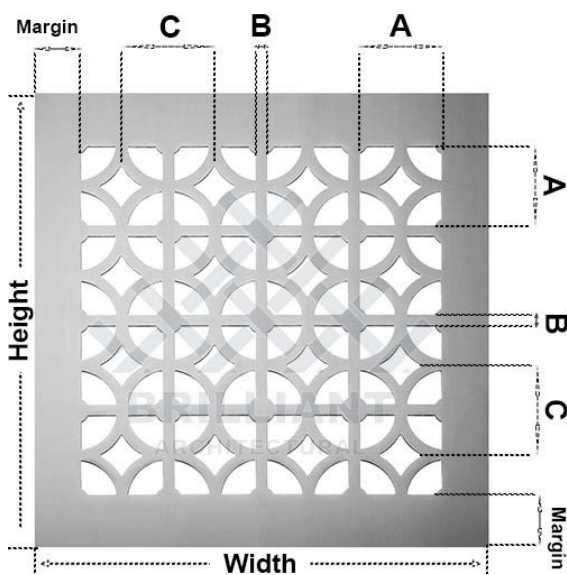
Product Name	CircleLink-65
Material	Stainless Steel, Aluminum, Brass, Copper
Pitch (A), mm (in)	(.047)
B, mm (in)	1.2 (.047)
C, mm (in)	6 (.236)
Ø, mm (in)	6 (.236)
Open Area	35%
Margin	On Request
Thickness	On Request



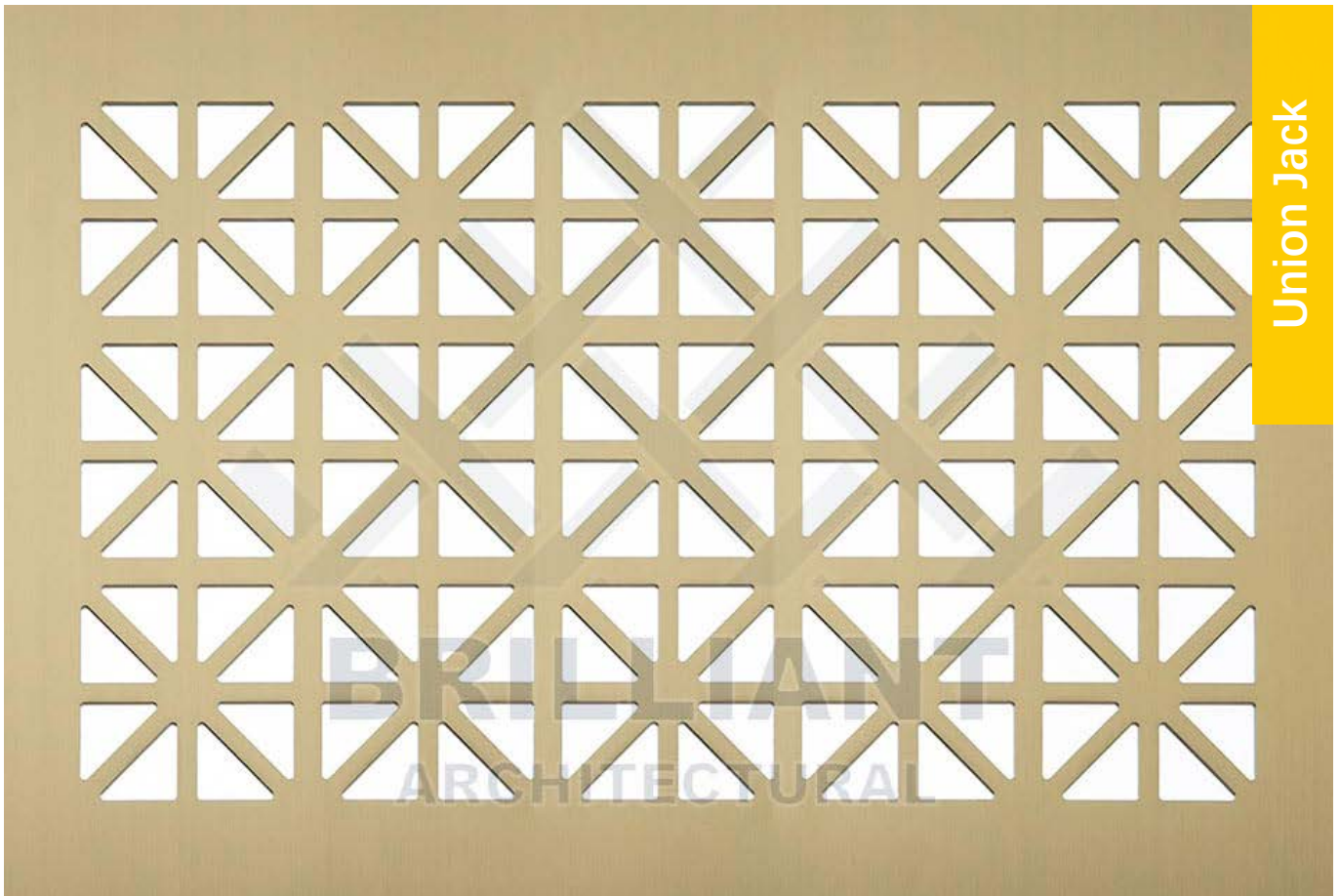
MATERIALS FINISHES



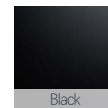
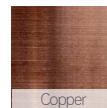
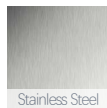
Apollo Specifications



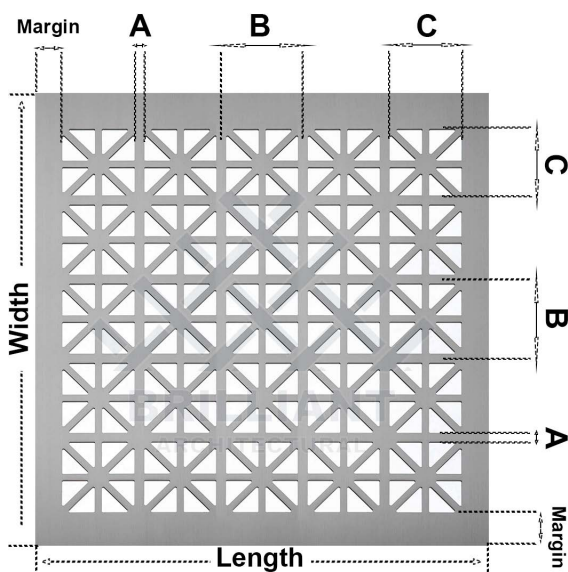
Product Name	Apollo-2540	Apollo-2545	Apollo-5055
A, mm (in)	25.4 (1)	25.4 (1)	25.4 (2)
B, mm (in)	4.76 (3/16)	6.35 (1/4)	6.35 (1/4)
C, mm (in)	30.2 (1 3/16)	31.75 (1 1/4)	59 (2 5/16)
Margins, mm (in)	On Request		
Thickness, mm (in)	On Request		
Open Area	40%	45%	55%
Material	Steel, Aluminum, Copper, Brass		



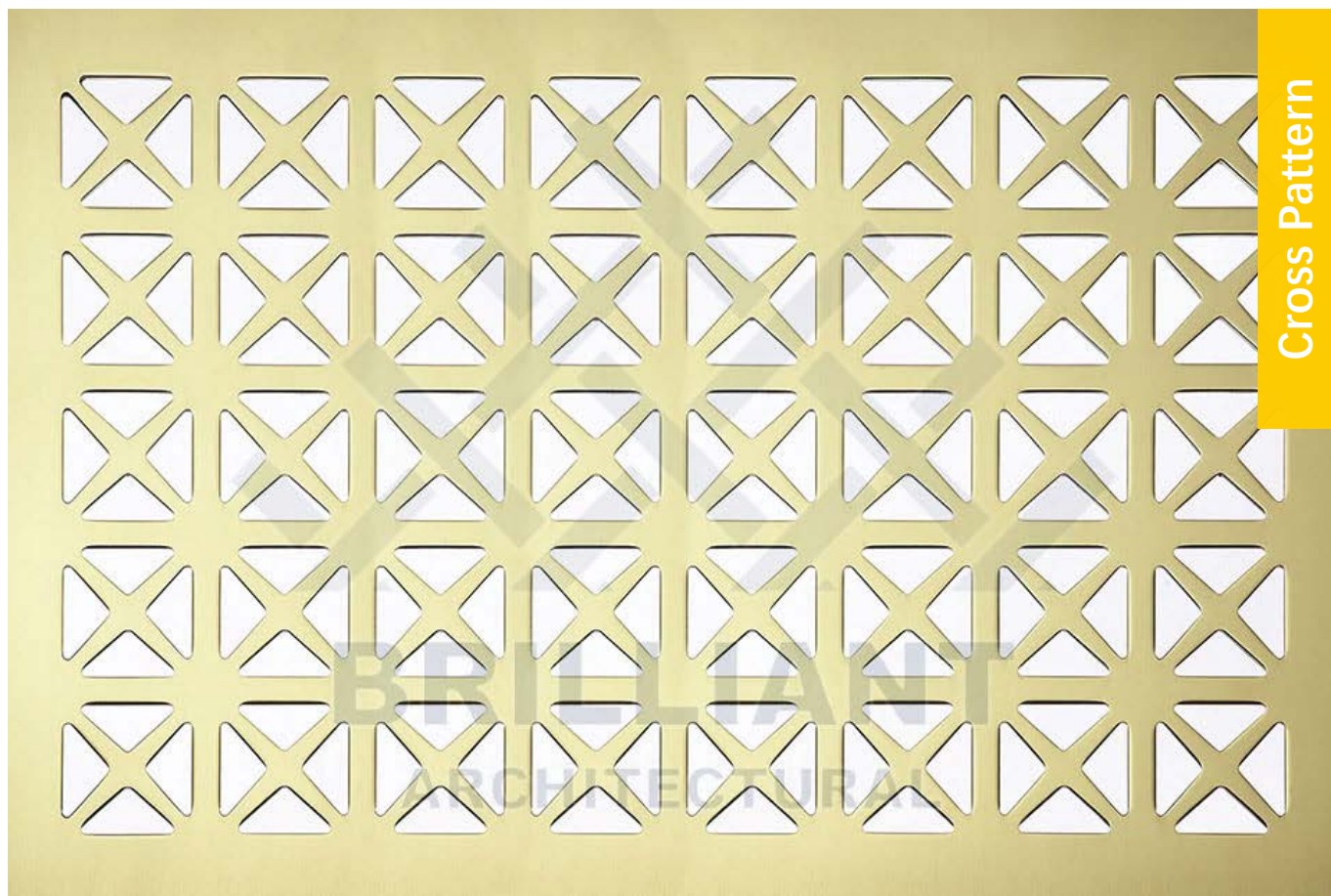
MATERIALS FINISHES



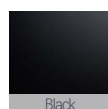
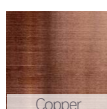
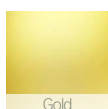
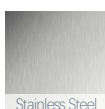
Union Jack Specifications



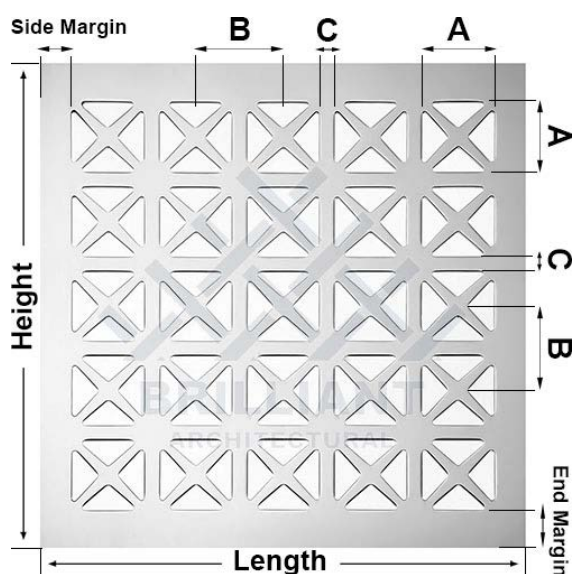
Product Name	UnionJack-40	UnionJack-58
Thickness, mm (in)	On Request	On Request
A, mm (in)	6.35 (1/4")	6.35 (1/4")
B, mm (in)	38 (1 1/2")	69 (2 3/4")
C, mm (in)	31.75.4 (1 1/4")	63.5 (2 1/2")
Margins, mm (in)	On Request	On Request
Open Area	40%	58%
Max Width	On Request	On Request
Max Length	On Request	On Request
Material	Steel, Aluminum, Copper, Brass	
Approx. Weight, kg/m2 (lb/ft2)		



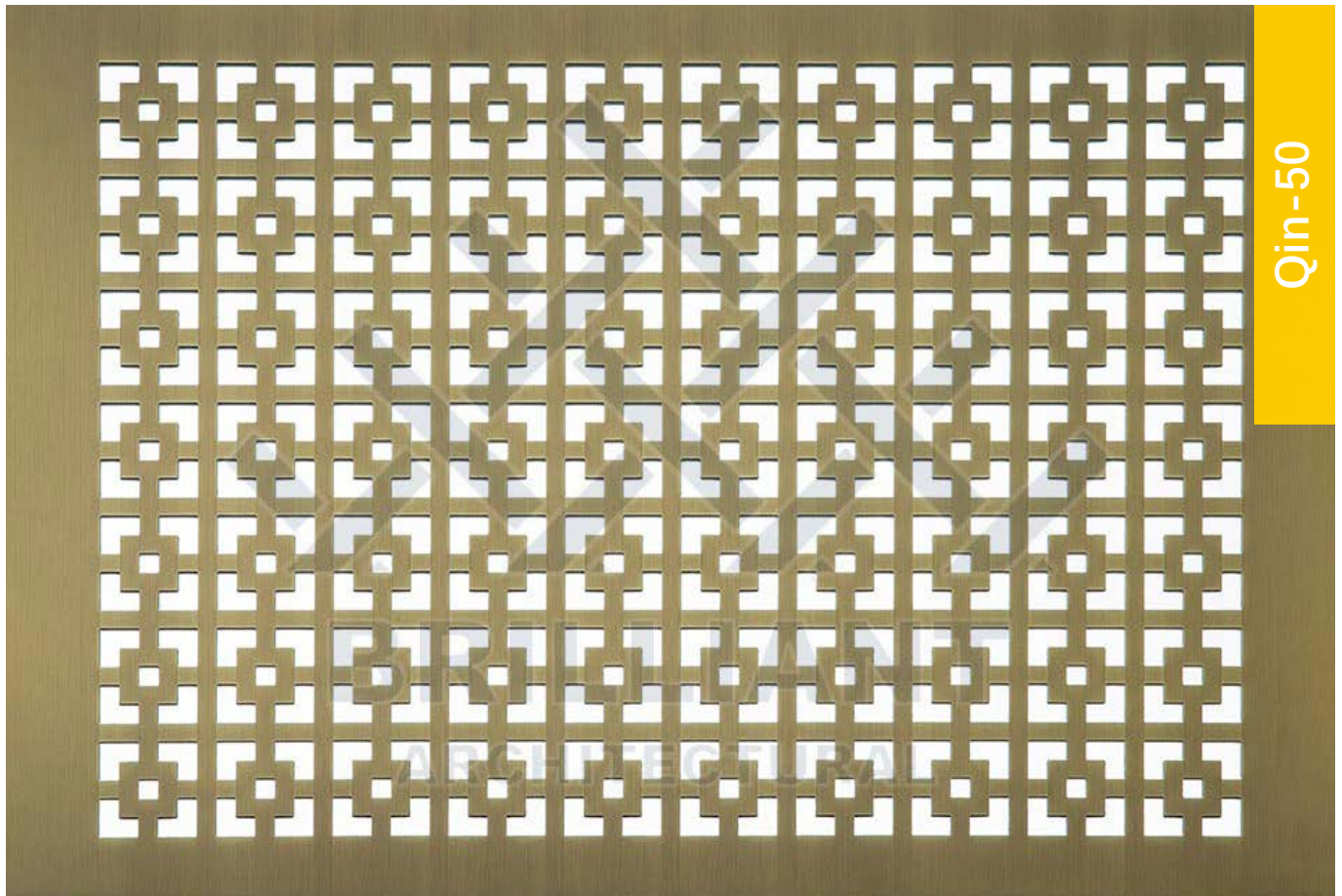
MATERIALS FINISHES



Cross Pattern Specifications



Product Name	Cross-24	Cross-32	Cross-44
A, mm (in)	23.8 (15/16")	31.75 (1 1/4")	44.45 (1 3/4")
B, mm (in)	30.16 (1 3/16")	36.5 (1 7/16")	54 (2 1/8")
C, mm (in)	6.35 (1/4")	4.76 (3/16")	9.53 (3/8")
Margins, mm (in)	On Request		
Thickness, mm	0.5-3mm		
Open Area	38%	41%	45%
Material	Steel, Aluminum, Copper, Brass		



Qin-50

MATERIALS FINISHES



Stainless Steel



Aluminum



Plain Steel



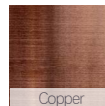
Galvanized Steel



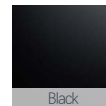
Brass



Gold



Copper

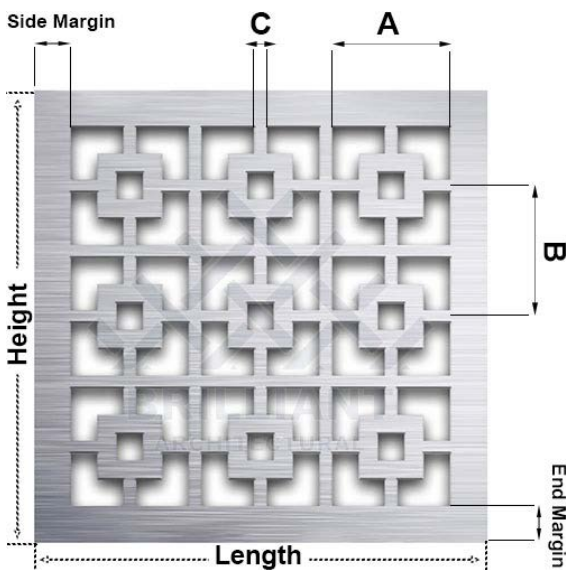


Black

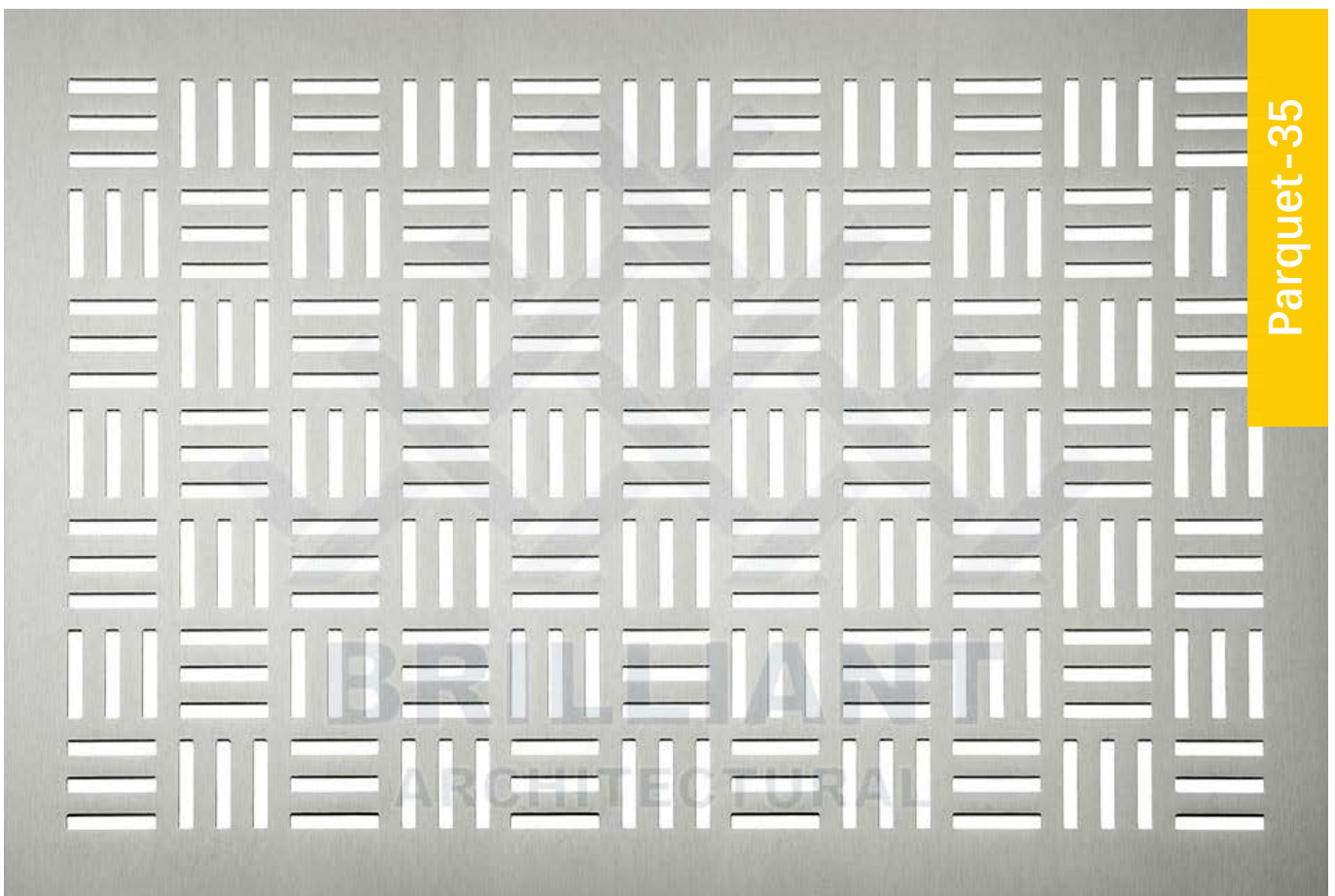


Various Colors

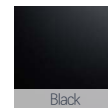
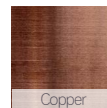
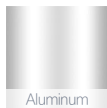
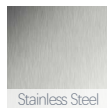
Qin-50 Specifications



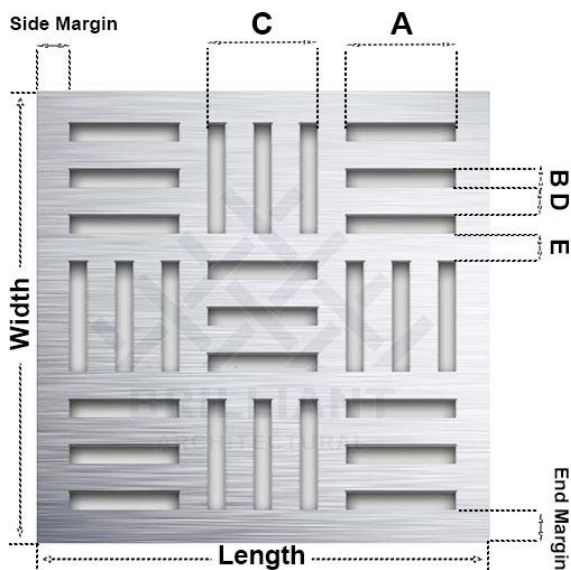
Product Name	Qin-38	Qin-40	Qin-50	Qin-55
Thickness, mm (in)	On Request	On Request	On Request	On Request
C, mm (in)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
B, mm (in)	31.75 (1 1/4")	38 (1 1/2")	51 (2")	63.5 (2")
A, mm (in)	25.4 (1")	6.35 (1/4")	44.5 (1 3/4")	57 (2 1/4")
Margins, mm (in)	On Request	On Request	On Request	On Request
Open Area	38%	40%	50%	55%
Max Width	On Request	On Request	On Request	On Request
Max Length	On Request	On Request	On Request	On Request
Material	Steel, Aluminum, Copper, Brass			
Approx. Weight				



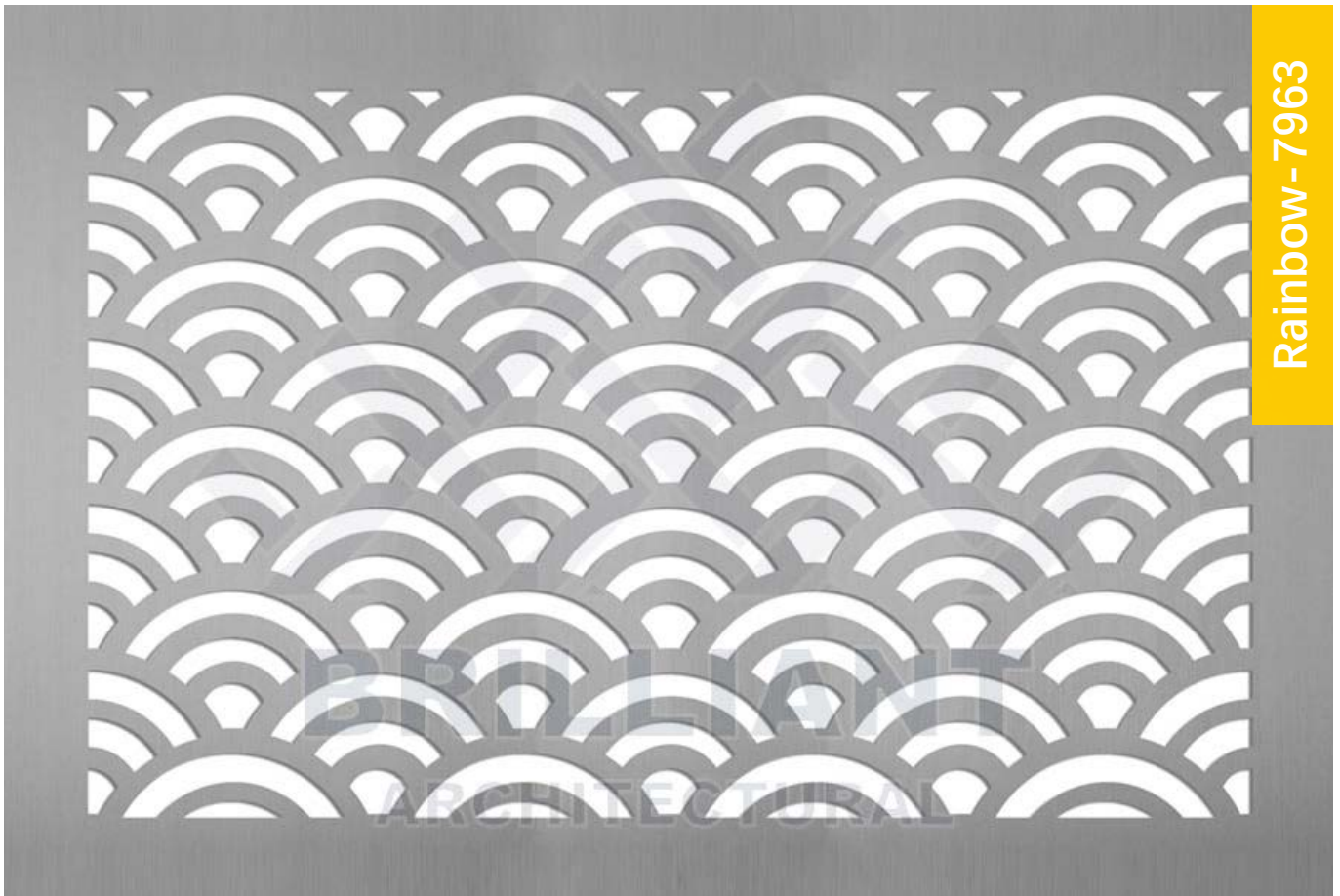
MATERIALS FINISHES



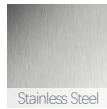
Parquet-35 Specifications



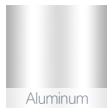
Product Name	Parquet-35
A, mm (in)	30.2 (1 3/16)
B, mm (in)	4.76 (3/16)
C, mm (in)	30.2 (1 3/16)
D, mm (in)	7.94 (5/16)
E, mm (in)	7.94 (5/16)
Margins, mm (in)	On Request
Thickness, mm (in)	0.5-3mm
Open Area	35%
Material	Steel, Aluminum, Copper, Brass



MATERIALS FINISHES



Stainless Steel



Aluminum



Plain Steel



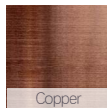
Galvanized Steel



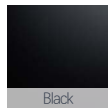
Brass



Gold



Copper

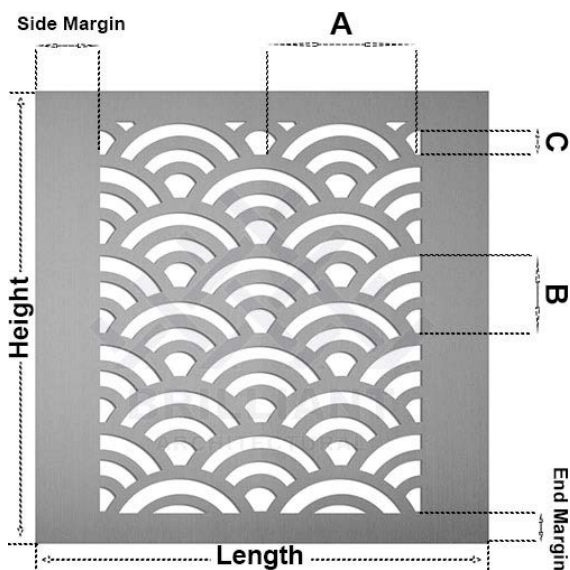


Black



Various Colors

Rainbow-7963 Specifications



Product Name

Rainbow-7963

A, mm (in)

79.4 (3 1/8)

B, mm (in)

25.4 (2)

C, mm (in)

17.5 (11/16)

Margins, mm (in)

On Request

Thickness, mm (in)

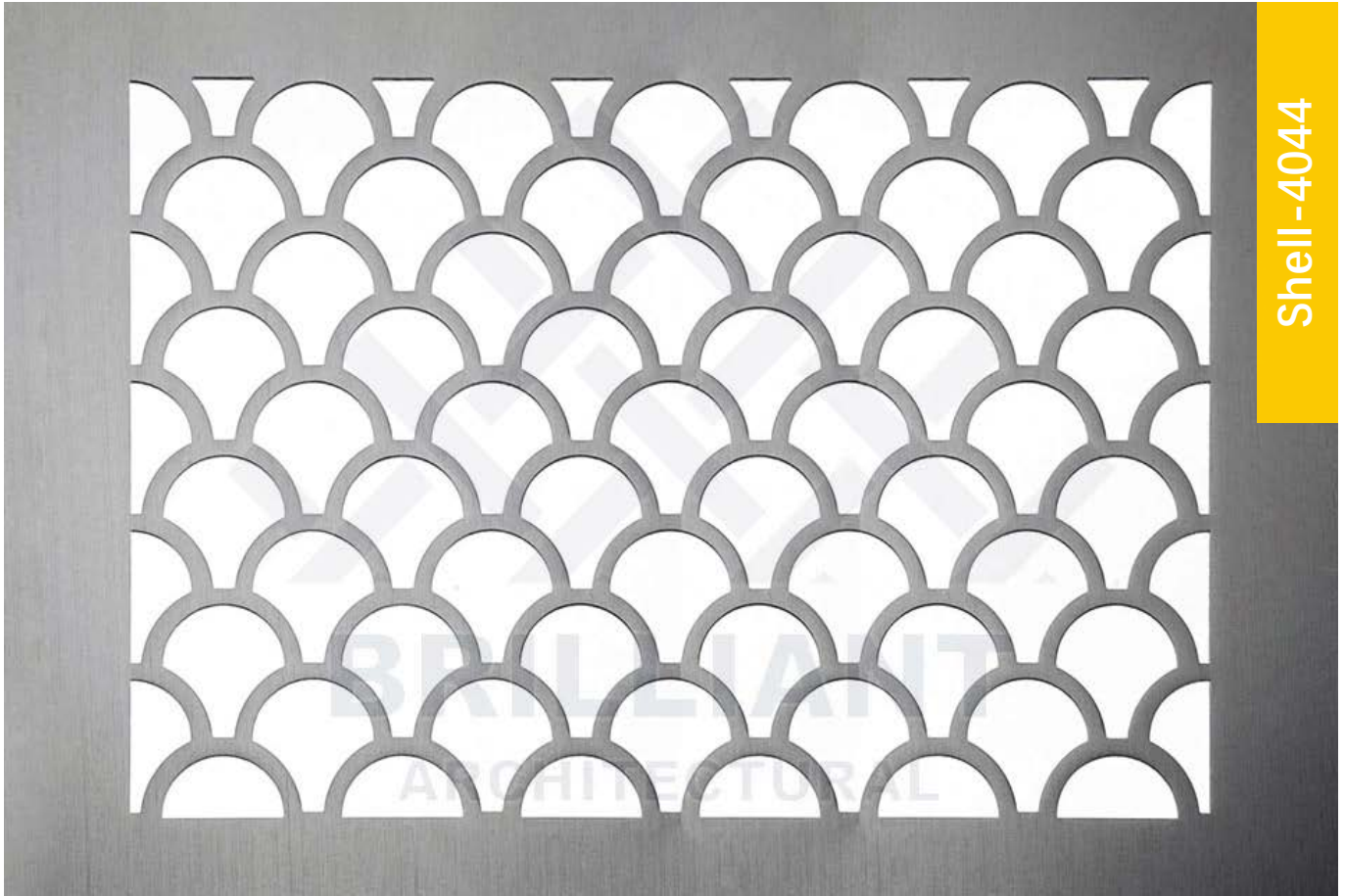
0.5-3mm

Open Area

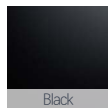
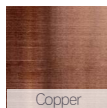
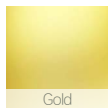
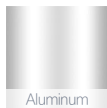
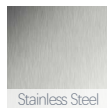
60%

Material

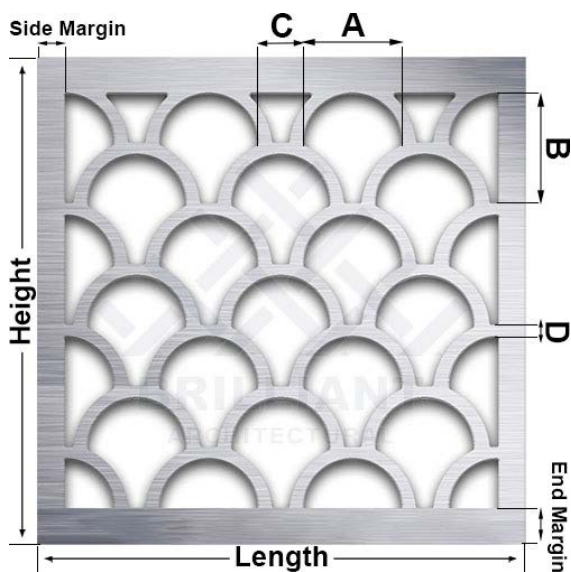
Steel, Aluminum, Copper, Brass



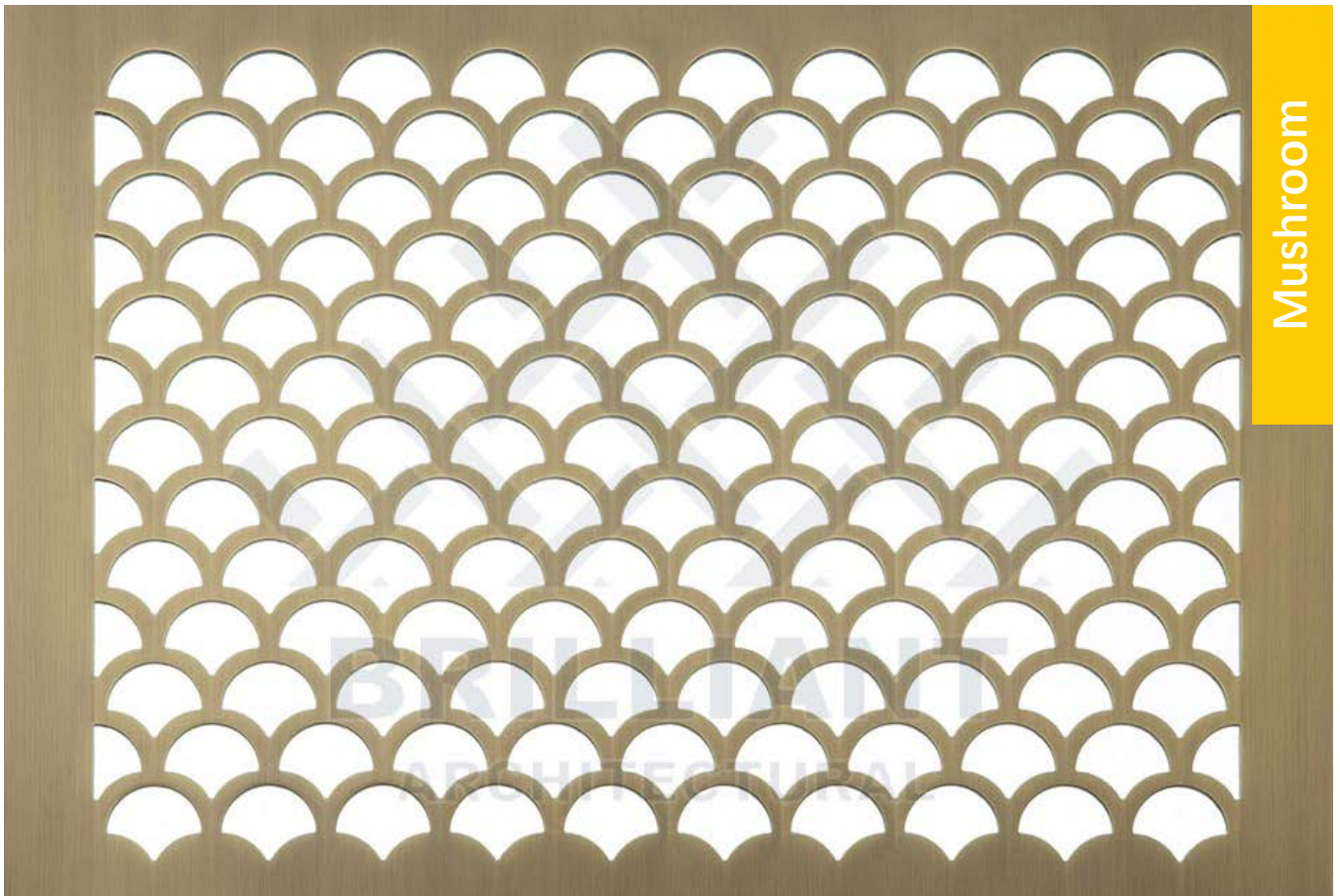
MATERIALS FINISHES



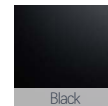
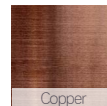
Shell-4044 Specifications



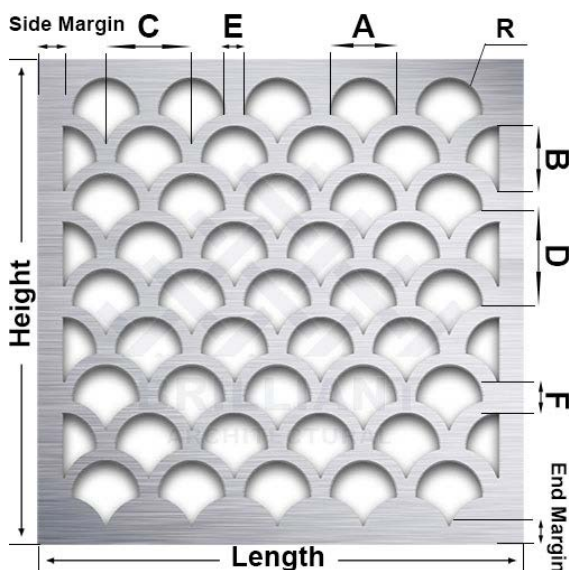
Product Name	Shell-4044
A, mm (in)	39.7 (1 9/16)
B, mm (in)	44.45 (1 3/4)
C, mm (in)	19.05 (3/4)
D, mm (in)	4.76 (3/4)
Margins, mm (in)	On Request
Thickness, mm (in)	0.5-3mm
Open Area	66%
Material	Steel, Aluminum, Copper, Brass



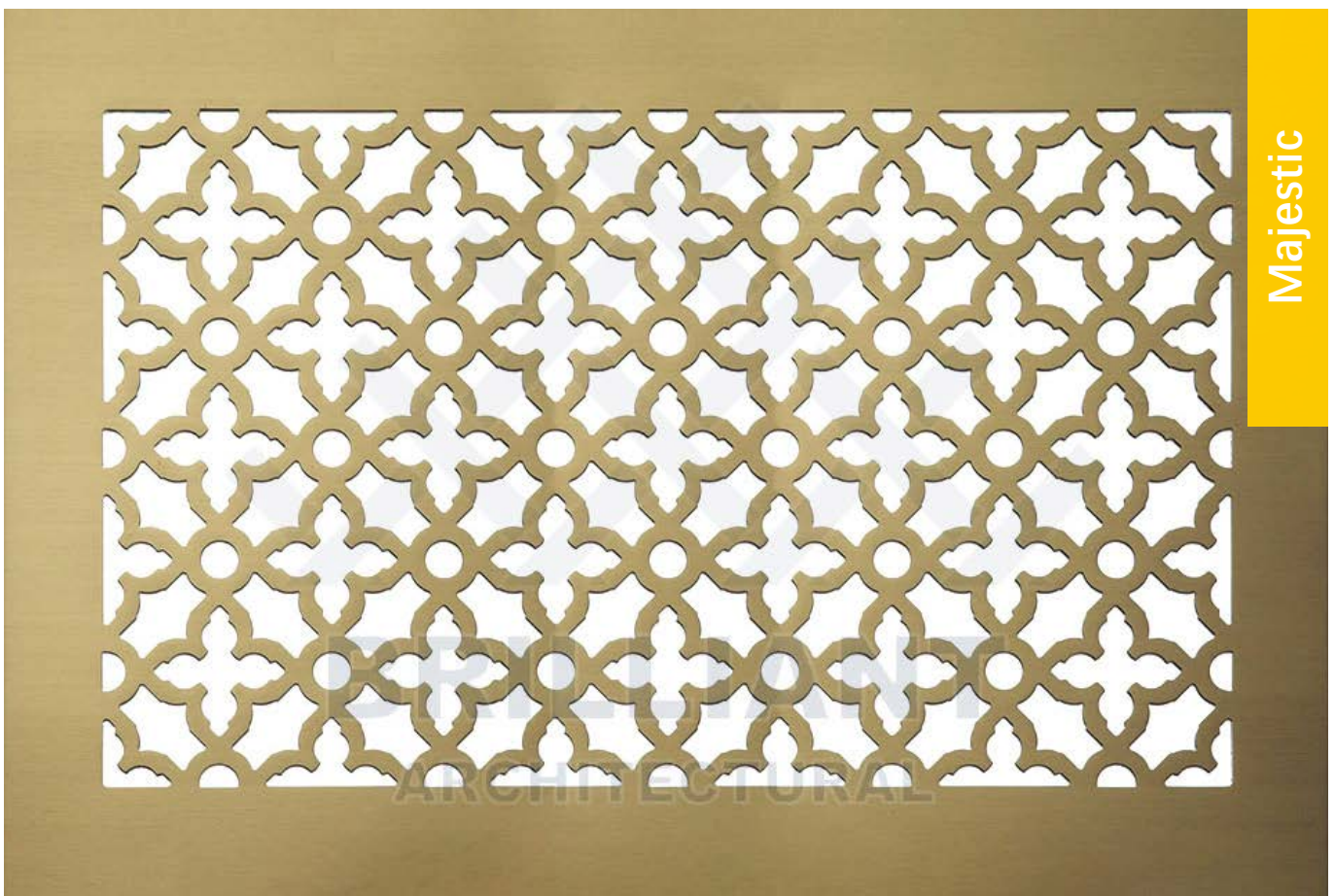
MATERIALS FINISHES



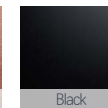
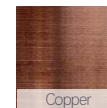
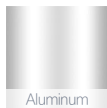
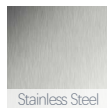
Mushroom Pattern Specifications



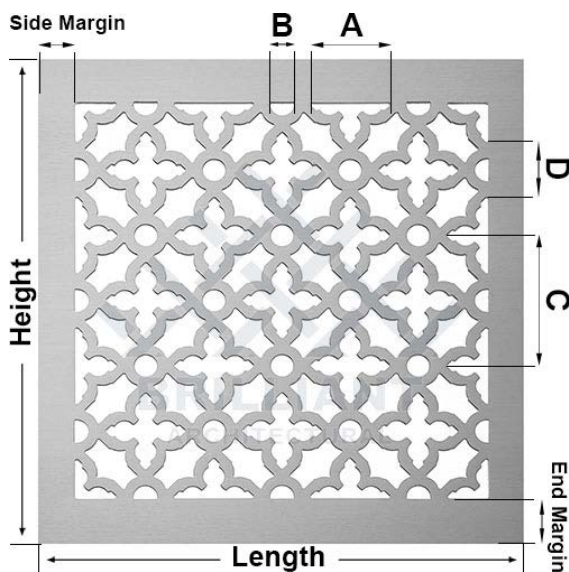
Product Name	Mushroom -1616	Mushroom -2923	Mushroom -4440	Mushroom -6464
A, mm (in)	15.88 (5/8)	28.6 (1 1/8)	44.45 (1.75)	63.5 (2.5)
B, mm (in)	15.88 (5/8)	23 (.905)	40 (1 9/16)	63.5 (2.5)
C, mm (in)	25.4 (1)	35 (1 3/8)	57 (2.25)	76.2 (3)
D, mm (in)	22.22 (7/8)	38.1 (1.5)	60.3 (2.375)	
E, mm (in)	9.53 (3/8)	6.35 (1/4)	12.7 (0.5)	12.7 (0.5)
F, mm (in)	6.35 (1/4)	15.88 (.625)	20.6 (13/16)	48 (1.89)
R, mm (in)	7.94 (5/16)	14.3 (9/16)	22.2 (.875)	7.94 (5/16)
Margins	On Request			
Thickness, mm (in)	0.5-3mm			
Open Area	48%	56%	72%	84%
Material	Steel, Aluminum, Copper, Brass			



MATERIALS FINISHES



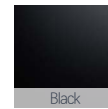
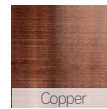
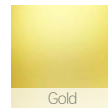
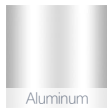
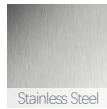
Majestic Pattern Specifications



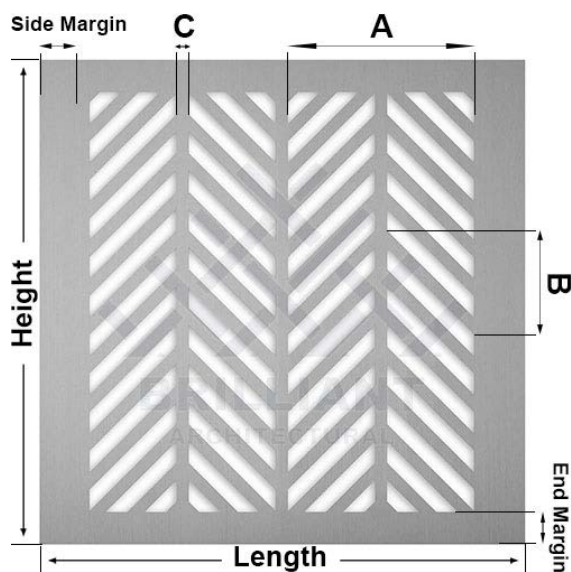
Product Name	Majestic -2508	Majestic -4413	Majestic -5718
A, mm (in)	25.4 (1)	44.45 (1 3/4)	57 (2-1/4)
B, mm (in)	7.94 (5/16)	12.7 (1/2)	17.5 (11/16)
C, mm (in)	44.45 (1 3/4)	77.8 (3 1/16)	89 (3 1/2)
D, mm (in)	19.05 (3/4)	33.34 (1 5/16)	31.75 (1 1/4)
Margins, mm (in)	On Request		
Thickness, mm (in)	0.5-3mm		
Open Area	40%	52%	64%
Material	Steel, Aluminum, Copper, Brass		



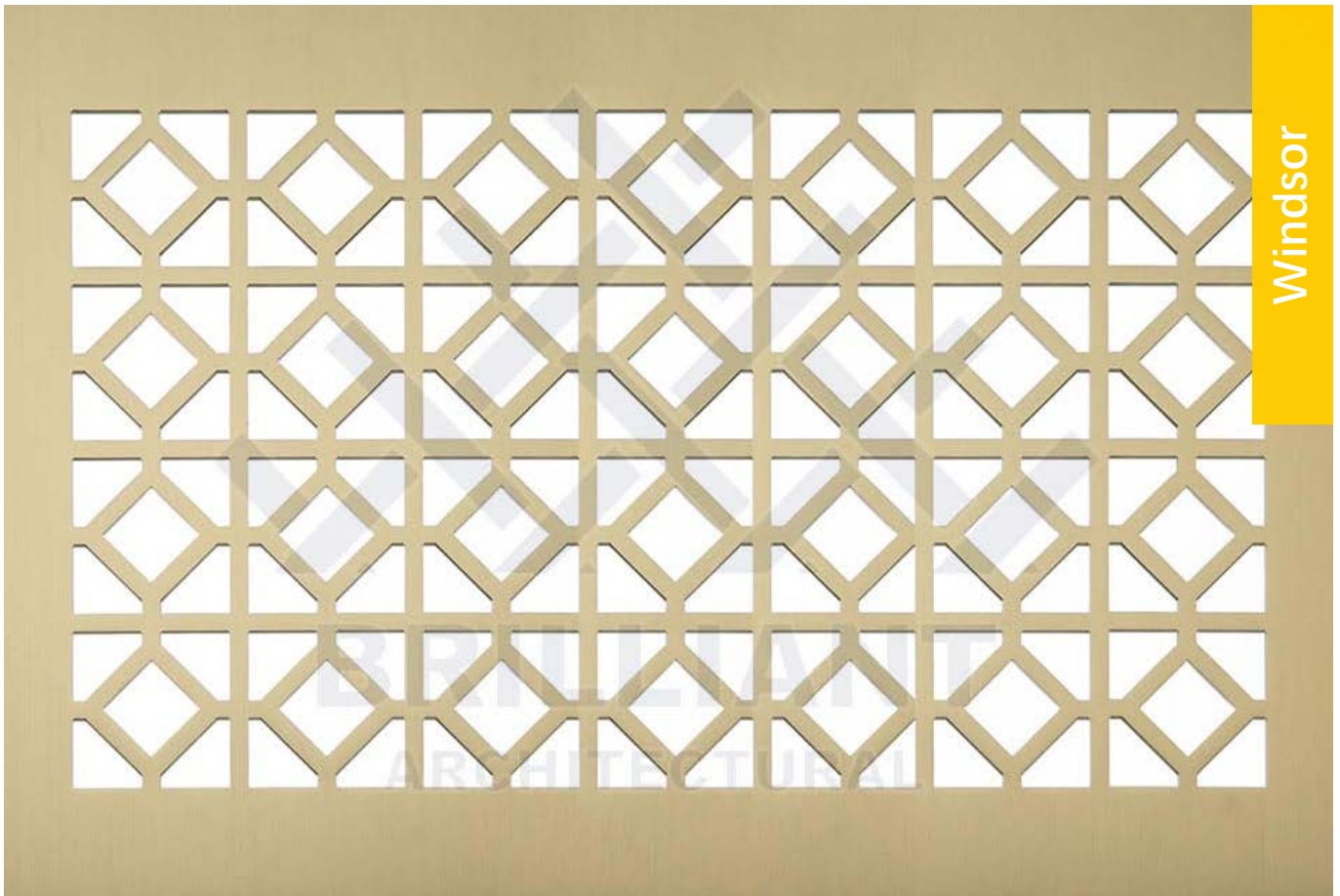
MATERIALS FINISHES



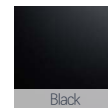
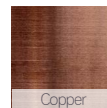
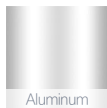
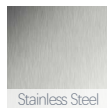
Chevron Pattern Specifications



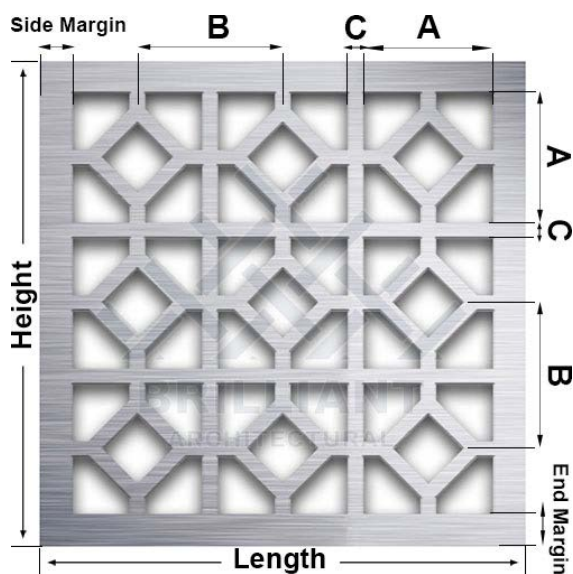
Product Name	Chevron-5435	Chevron-10864
A, mm (in)	54 (2-1/8)	108 (4-1/4)
B, mm (in)	35.7 (1-13/32)	64 (2 33/64)
C, mm (in)	3.175 (1/8)	6.35 (1/4)
Margins, mm (in)	On Request	
Thickness, mm (in)	0.5-3mm	
Open Area	57%	53%
Material	Steel, Aluminum, Copper, Brass	



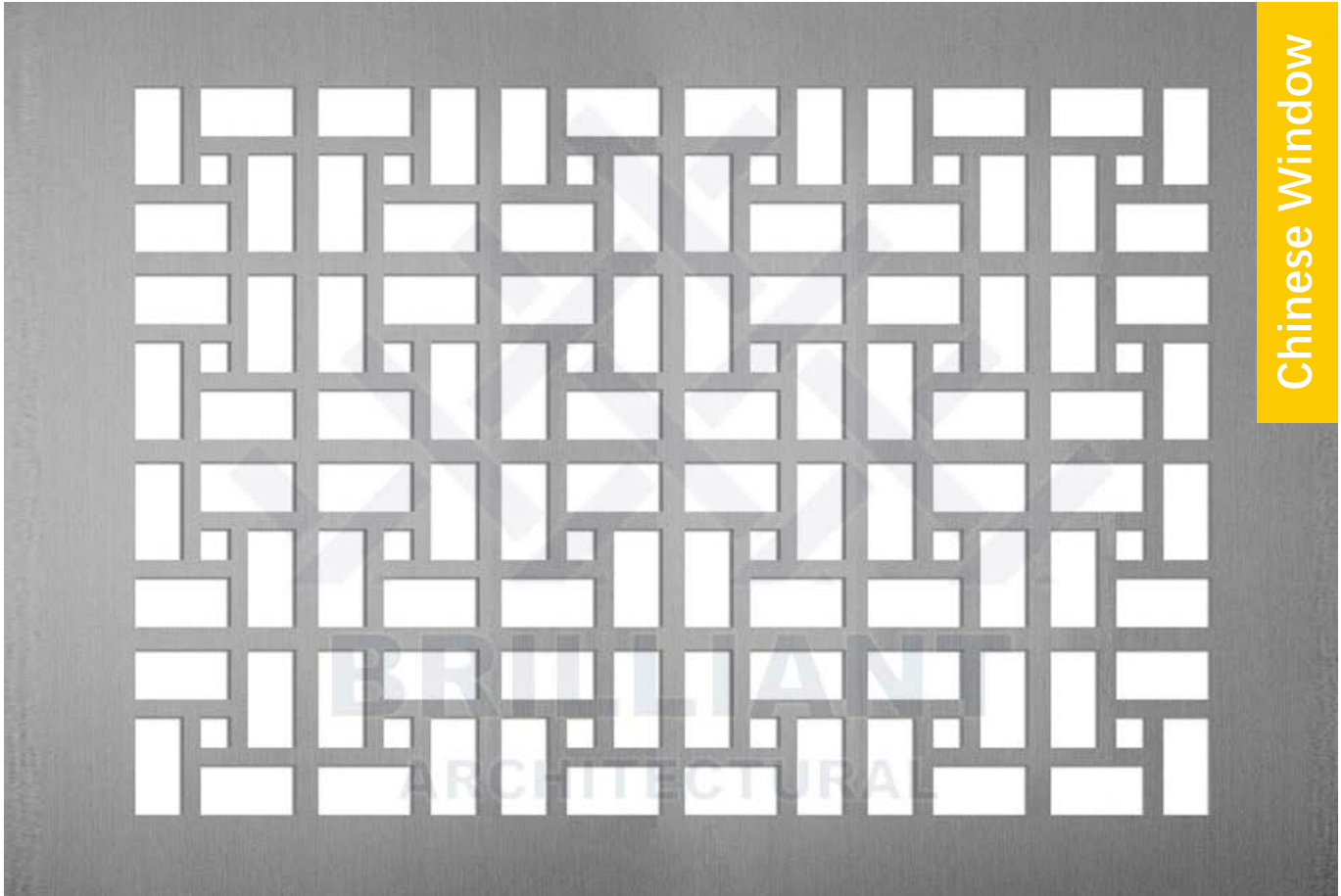
MATERIALS FINISHES



Windsor Pattern Specifications



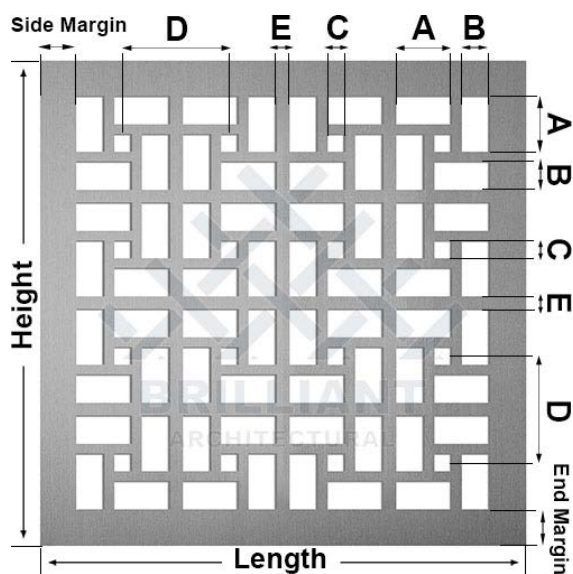
Product Name	Windsor-4040	Windsor-5151
A, mm (in)	39.7 (1-9/16)	50.8 (2)
B, mm (in)	46 (1-13/16)	57.15 (2 1/4)
C, mm (in)	6.35 (1/4)	6.35 (1/4)
Margins, mm (in)	On Request	
Thickness, mm (in)	0.5-3mm	
Open Area	55%	59%
Material	Steel, Aluminum, Copper, Brass	



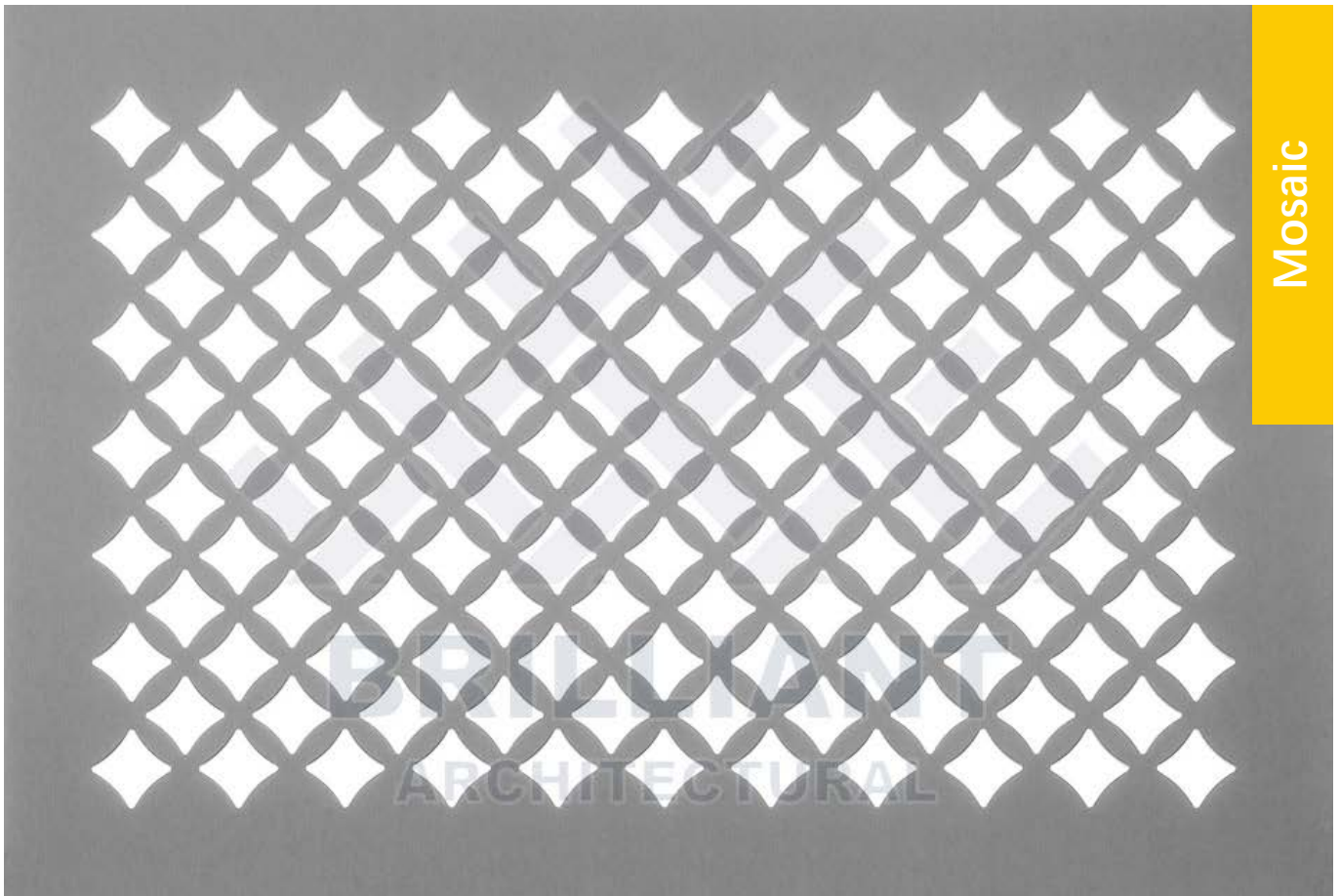
MATERIALS FINISHES



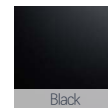
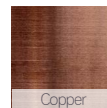
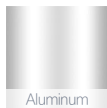
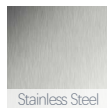
Chinese Window Pattern Specifications



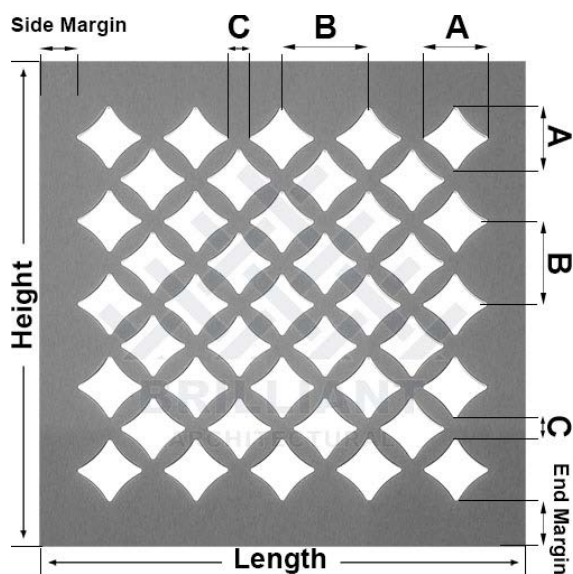
Product Name	Chinese Window-3016
A, mm (in)	30.2 (1-3/16)
B, mm (in)	15.9 (5/8)
C, mm (in)	9.5 (3/8)
D, mm (in)	57.15 (2-1/4)
E, mm (in)	6.35 (1/4)
Margins, mm (in)	On Request
Thickness, mm (in)	0.5-3mm
Open Area	61%
Material	Steel, Aluminum, Copper, Brass



MATERIALS FINISHES



Mosaic Pattern Specifications



Product Name

Mosaic-2727

A, mm (in)

27 (1 1/16)

B, mm (in)

35 (1 3/8)

C, mm (in)

9.5 (3/8)

Margins, mm (in)

On Request

Thickness, mm (in)

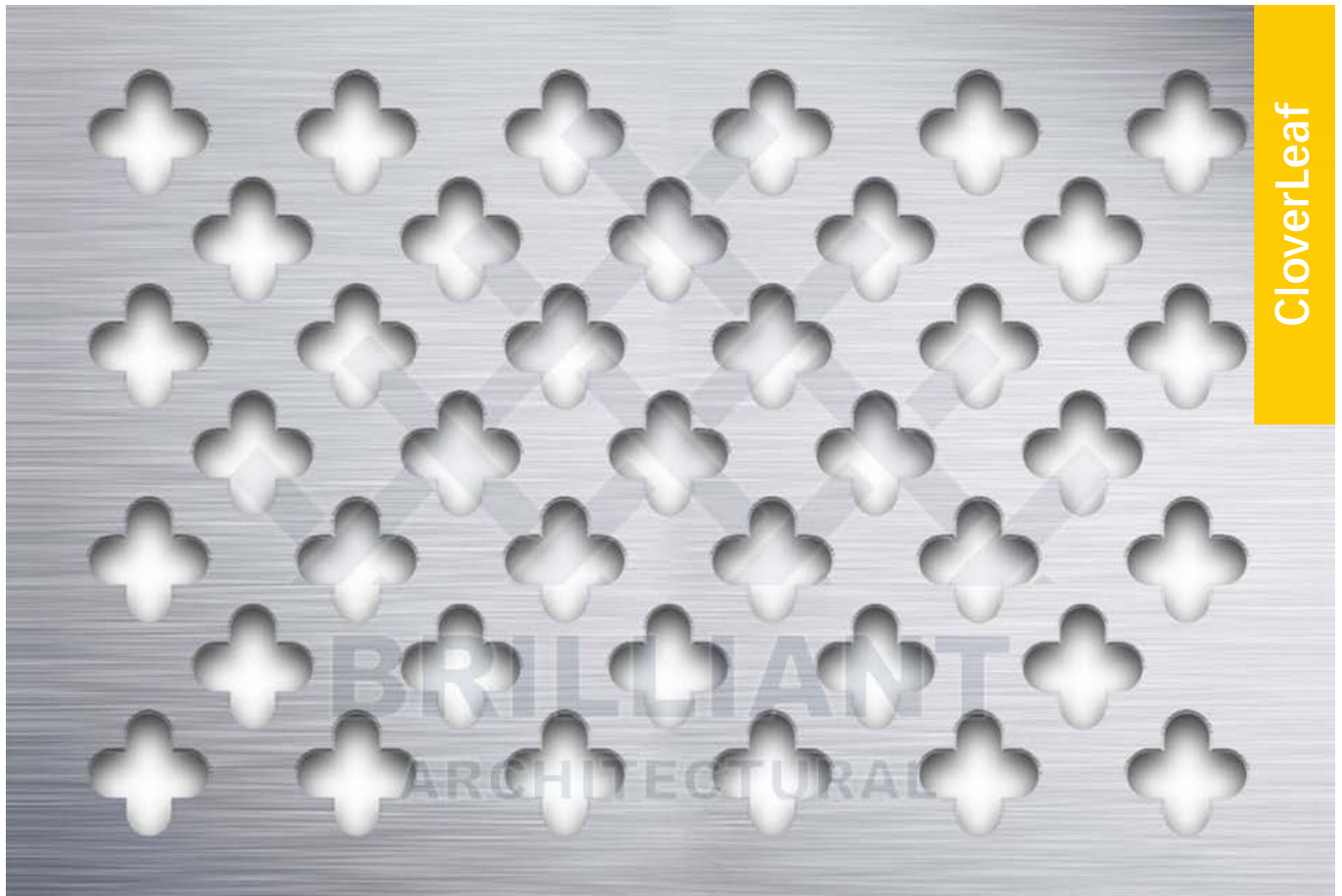
0.5-3mm

Open Area

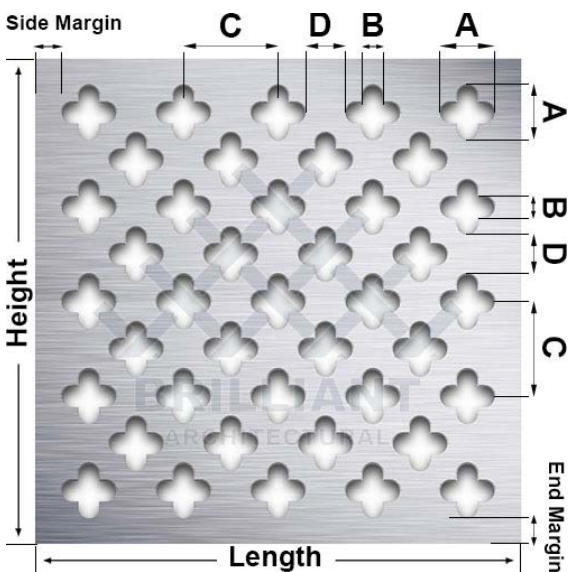
54%

Material

Steel, Aluminum, Copper, Brass



CloverLeaf Pattern Specifications



Product Name	Clover-1305	Clover-1306	Clover-2506
A, mm (in)	12.7 (1/2")	12.7 (1/2")	25.4 (1")
B, mm (in)	4.76 (3/16")	6.35 (1/4")	6.35 (1/4")
C, mm (in)	22.22 (7/8")	22.22 (7/8")	35 (1 3/8")
D, mm (in)	9.53 (3/8")	9.53 (3/8")	9.53 (3/8")
Margins, mm (in)	On Request		
Thickness, mm (in)	0.5-3mm		
Open Area	51%	52%	50%
Material	Steel, Aluminum, Copper, Brass		



MATERIALS FINISHES



Stainless Steel



Aluminum



Plain Steel



Galvanized Steel



Brass



Gold



Copper

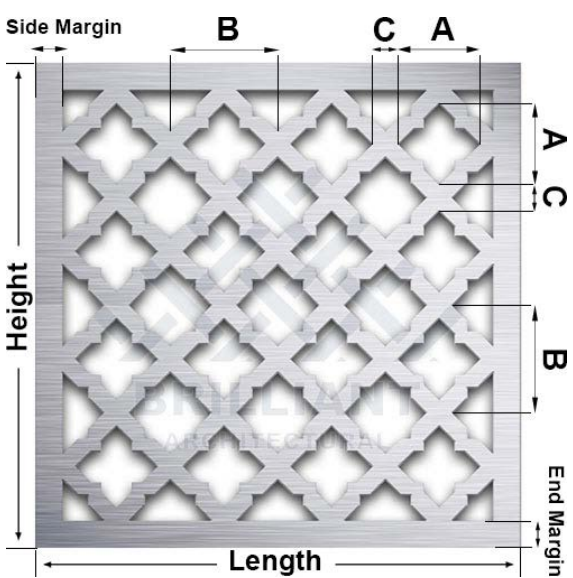


Black

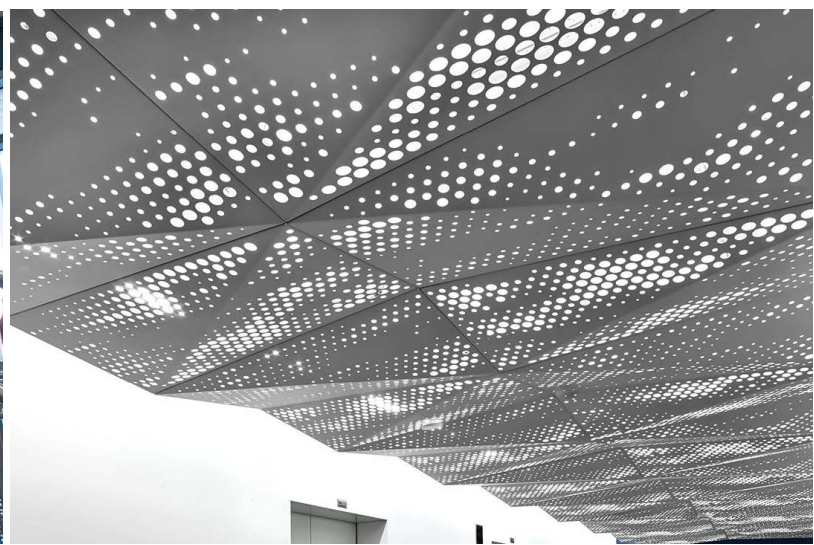
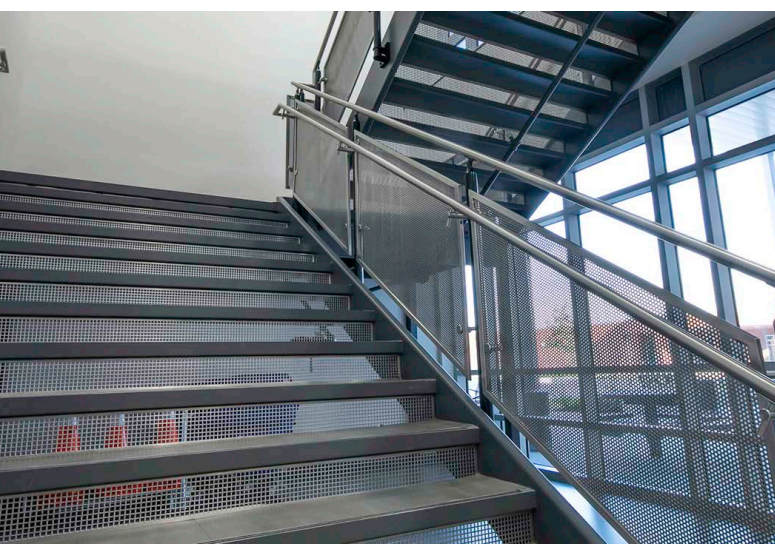
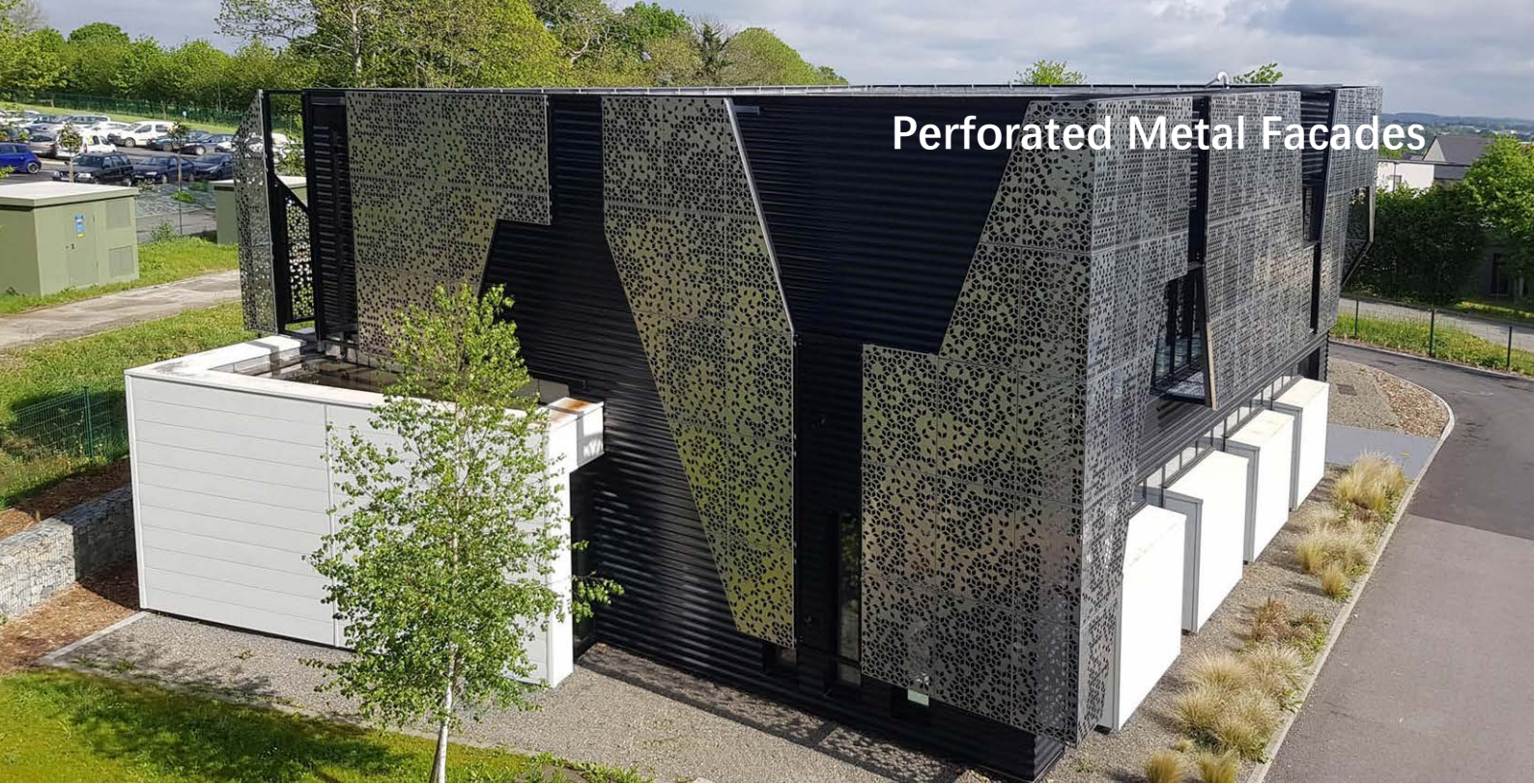


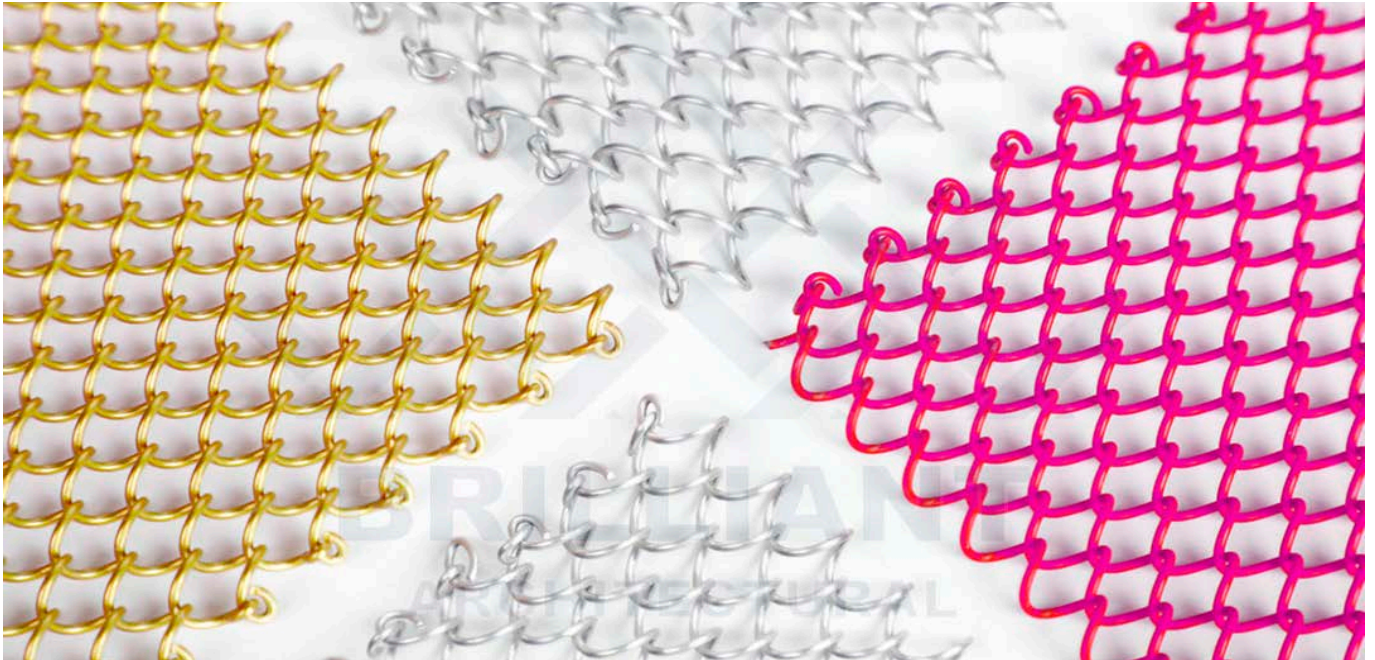
Various Colors

Gothic Pattern Specifications



Product Name	Gothic-2756
A, mm (in)	27 (1 1/16")
B, mm (in)	36.5 (1 7/16")
C, mm (in)	9.5 (3/8")
Margins, mm (in)	On Request
Thickness, mm (in)	0.5-3mm
Open Area	56%
Material	Steel, Aluminum, Copper, Brass

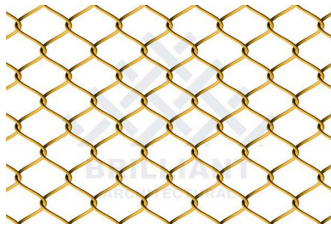




Architectural Spiral Wire Mesh

Architectural spiral wire mesh is a flexible, cylindrical mesh made by interlocking metal wires in a spiral pattern. Common materials include stainless steel, galvanized steel, and aluminum, offering durability, corrosion resistance, and strength. Key features include flexibility, ventilation, transparency, and aesthetic appeal. In architectural applications, spiral wire mesh is used for facades, balustrades, partitions, and decorative screens. It provides structural support, enhances design aesthetics, and allows for light and airflow. Its adaptability makes it suitable for both functional and decorative purposes, such as building exteriors, interior design, and safety barriers. Spiral wire mesh is valued for its modern look and versatility in creating dynamic architectural elements.

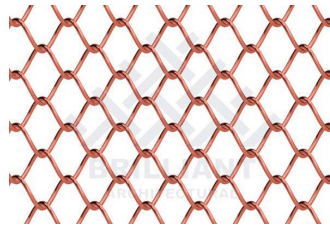




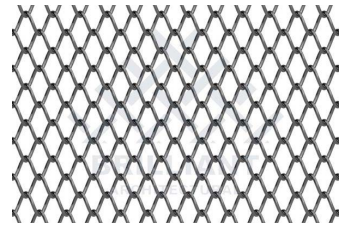
Tesla-2020B



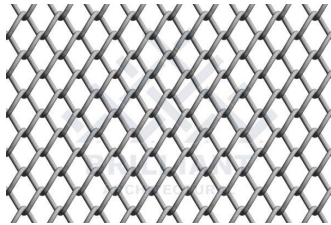
Tesla-2020-1



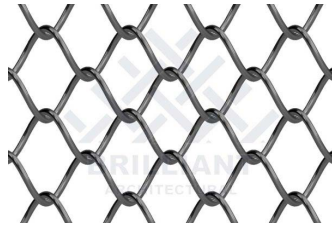
Tesla-2020C



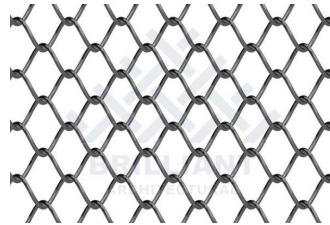
Tesla-0912



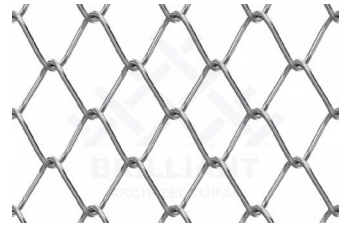
Tesla-1516



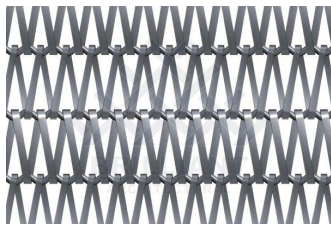
Tesla-2832



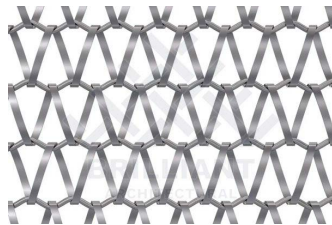
Tesla-2020



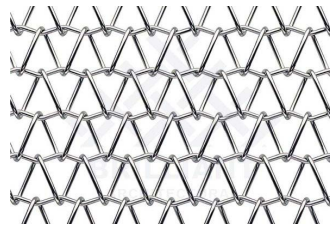
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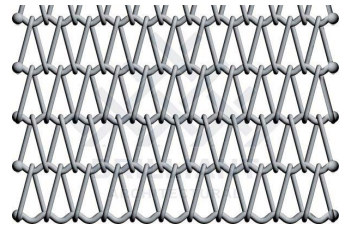
Tesla-0821



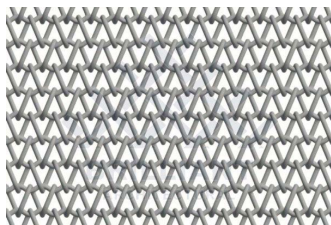
Tesla-2634



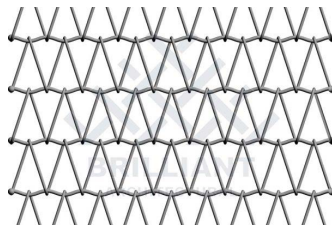
Tesla-2423



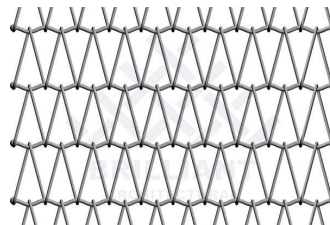
Tesla-1220



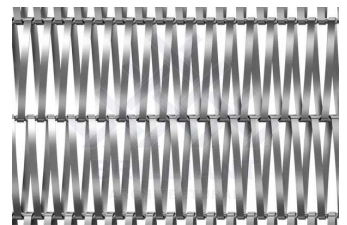
Tesla-0606



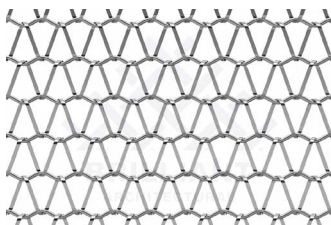
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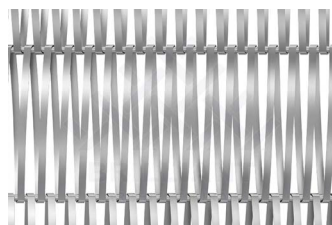
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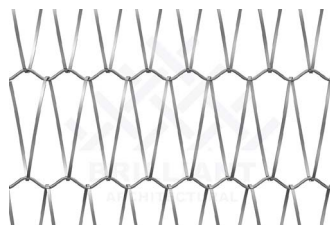
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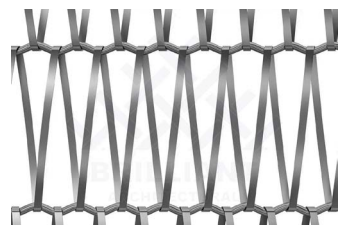
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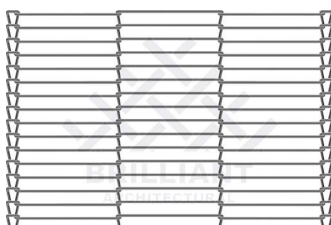
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Tesla-3040110



Tesla-6037137



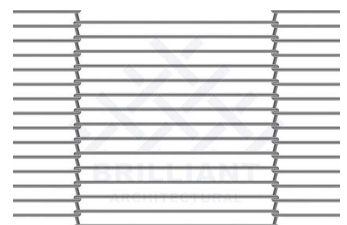
Tesla-9613



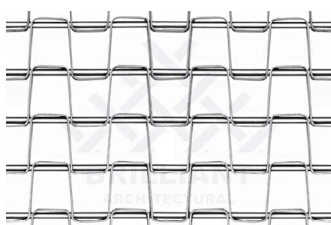
Tesla-9607B



Tesla-9613B



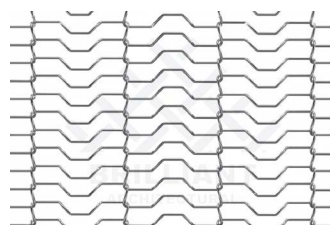
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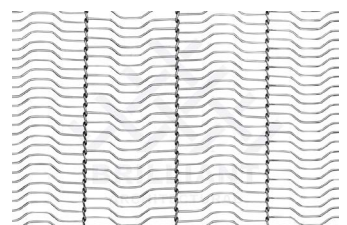
Tesla-3512025



Tesla-9612

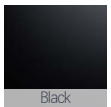
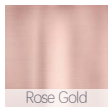
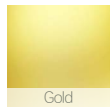
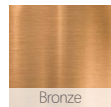
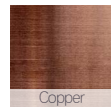
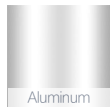


Tesla-151563

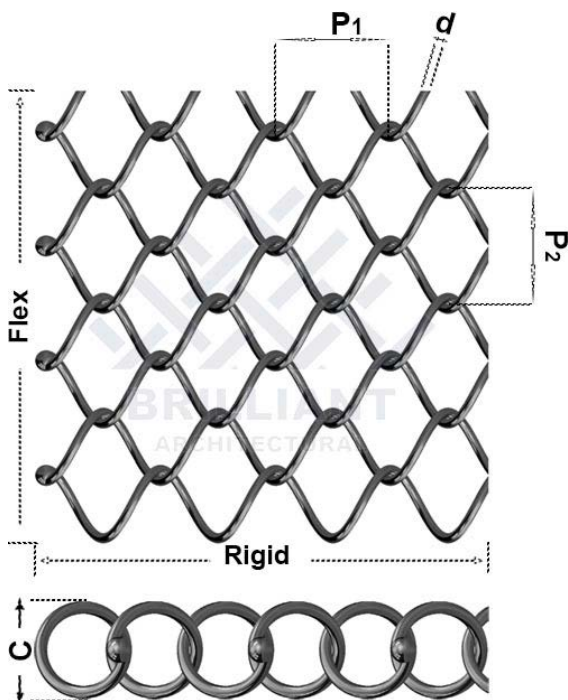


Tesla-151073

MATERIALS FINISHES



Tesla-2020 Specifications



Product Name

Tesla-2020

Material

Stainless Steel,
Aluminum, Brass, Copper

Spiral Wire (d), mm (in)

1.4 (.055)

Pitch (P1), mm (in)

20 (.79)

Pitch (P2), mm (in)

20 (.79)

Coil Dia. (C), mm (in)

13 (.51)

Open Area

80%

Approx. Weight, kg/m² (lb/ft²)

1 (.20), Aluminum

Approx. Weight, kg/m² (lb/ft²)

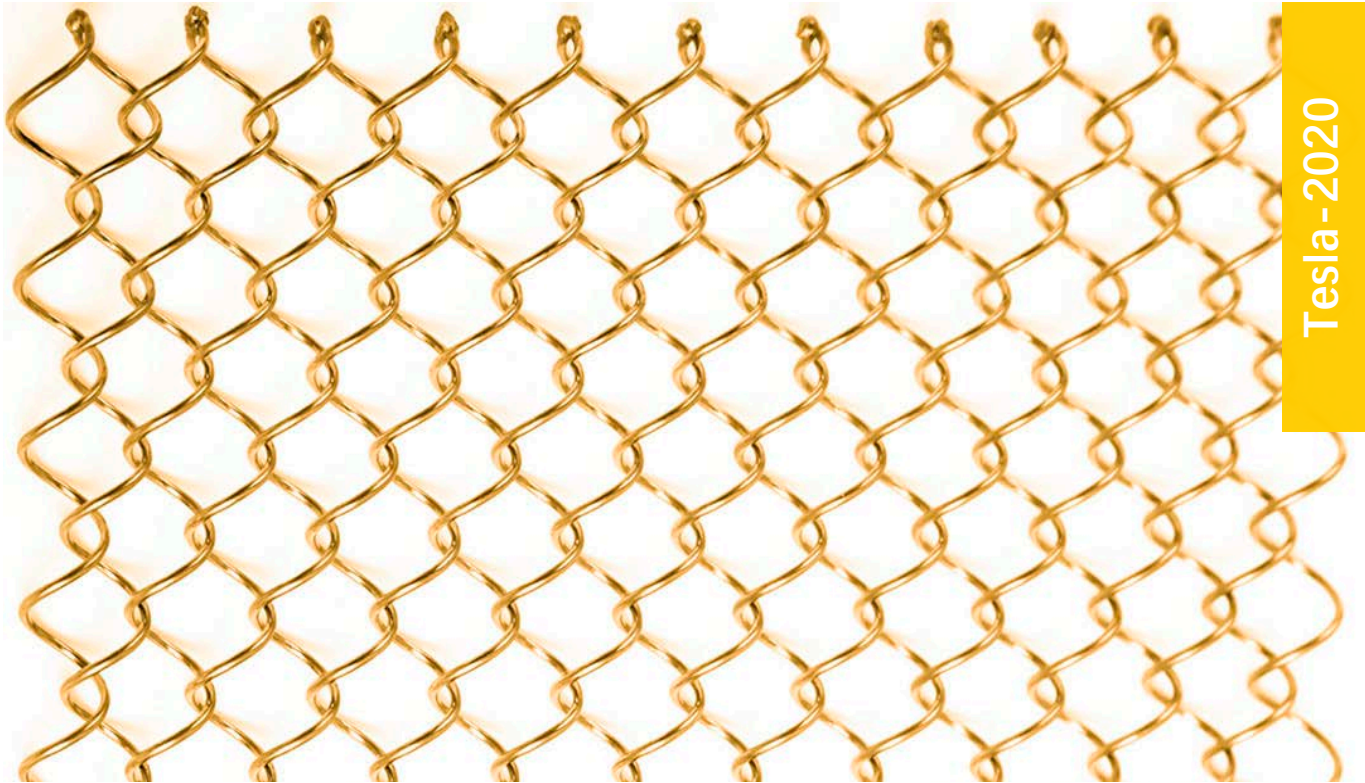
3 (.61), Steel

Approx. Weight, kg/m² (lb/ft²)

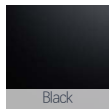
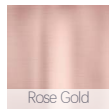
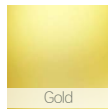
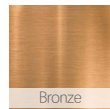
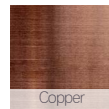
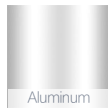
3.2 (.66), Brass

Approx. Weight, kg/m² (lb/ft²)

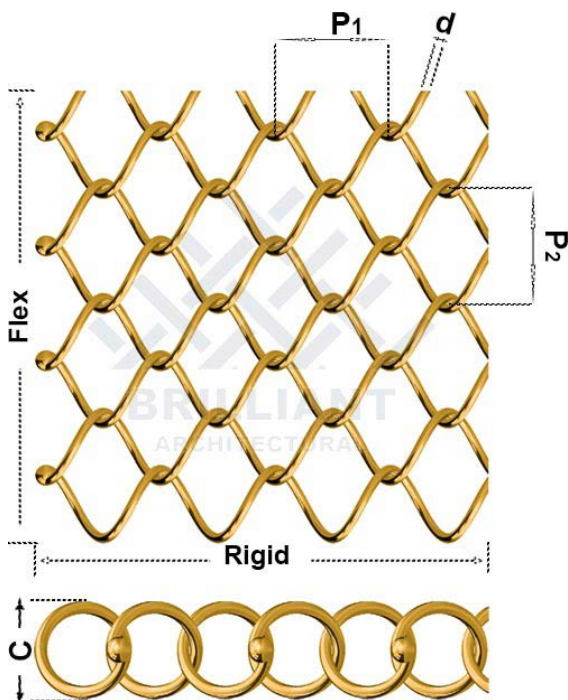
3.4 (0.7), Copper



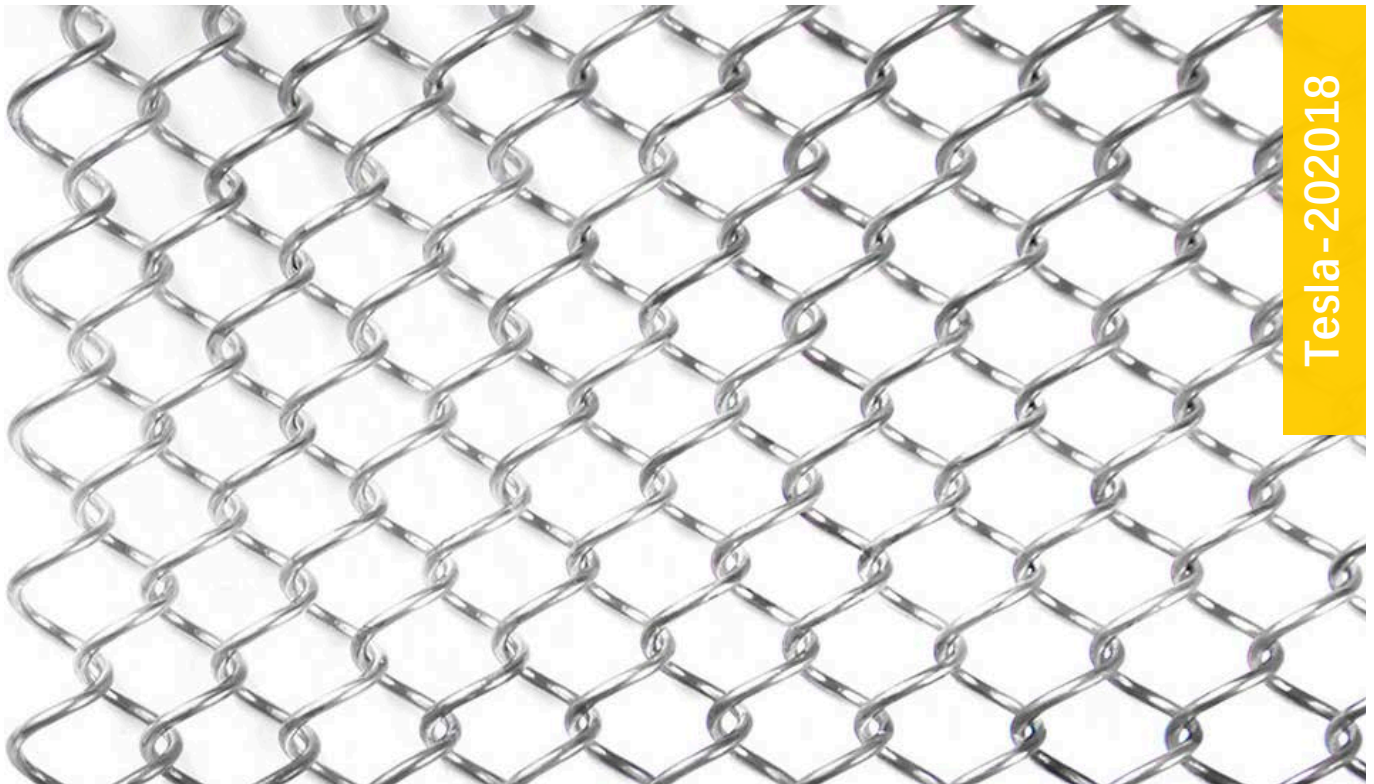
MATERIALS FINISHES



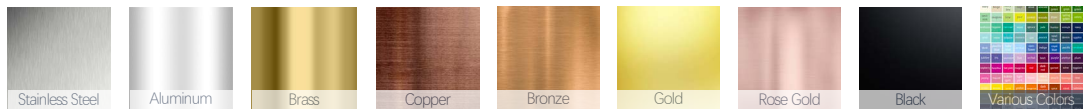
Tesla-2020B Specifications



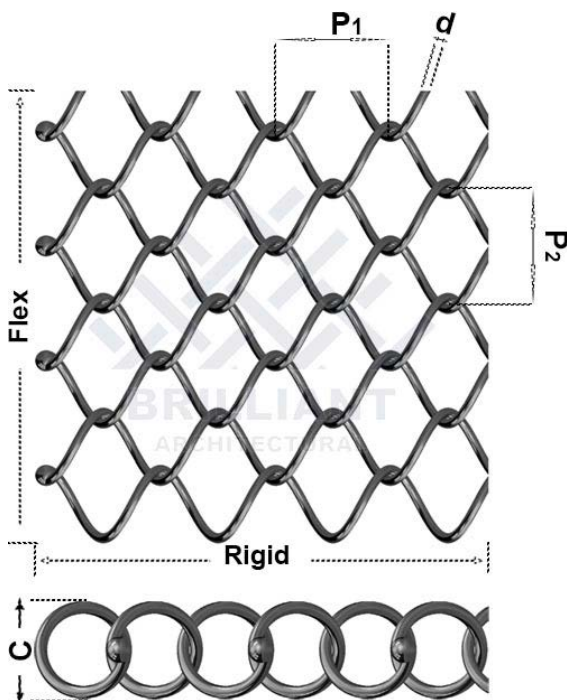
Product Name	Tesla-2020B
Material	Stainless Steel, Aluminum, Brass, Copper
Spiral Wire (d), mm (in)	1.4 (.055)
Pitch (P1), mm (in)	20 (.79)
Pitch (P2), mm (in)	20 (.79)
Coil Dia. (C), mm (in)	13 (.51)
Open Area	80%
Approx. Weight, kg/m ² (lb/ft ²)	1 (.20), Aluminum
Approx. Weight, kg/m ² (lb/ft ²)	3 (.61), Steel
Approx. Weight, kg/m ² (lb/ft ²)	3.2 (.66), Brass
Approx. Weight, kg/m ² (lb/ft ²)	3.4 (0.7), Copper



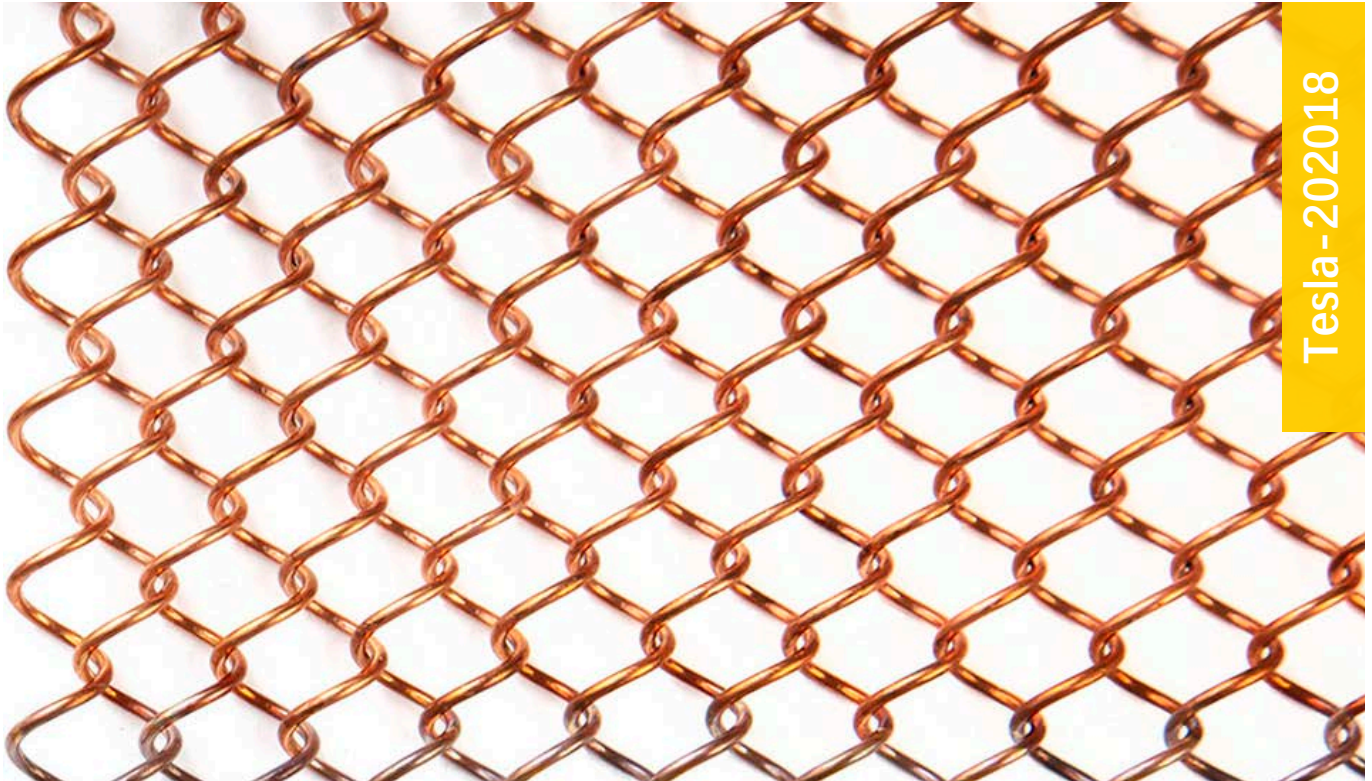
MATERIALS FINISHES



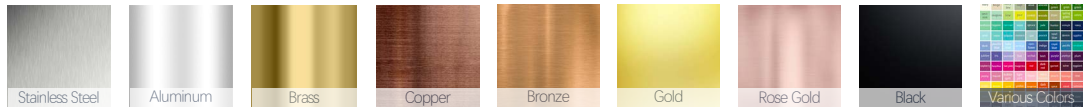
Tesla-202018 Specifications



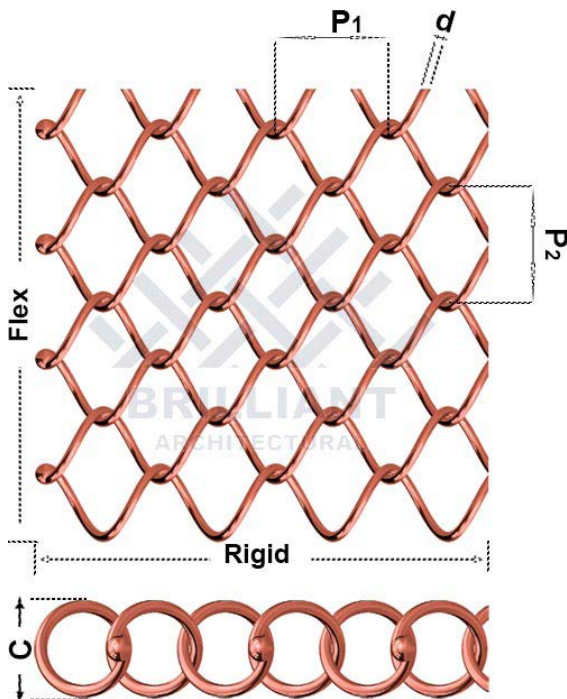
Product Name	Tesla-202018
Material	Stainless Steel, Aluminum, Brass, Copper
Spiral Wire (d), mm (in)	1.8 (.071)
Pitch (P1), mm (in)	20 (.79)
Pitch (P2), mm (in)	20 (.79)
Coil Dia. (C), mm (in)	14 (.55)
Open Area	75%
Max Rigid	On demand
Max Flex	On demand
Approx. Weight, kg/m2 (lb/ft2)	1.53 (.31), Aluminum
Approx. Weight, kg/m2 (lb/ft2)	4.5 (1.52), Steel
Approx. Weight, kg/m2 (lb/ft2)	4.8 (.98), Brass
Approx. Weight, kg/m2 (lb/ft2)	5.1 (1.04), Copper



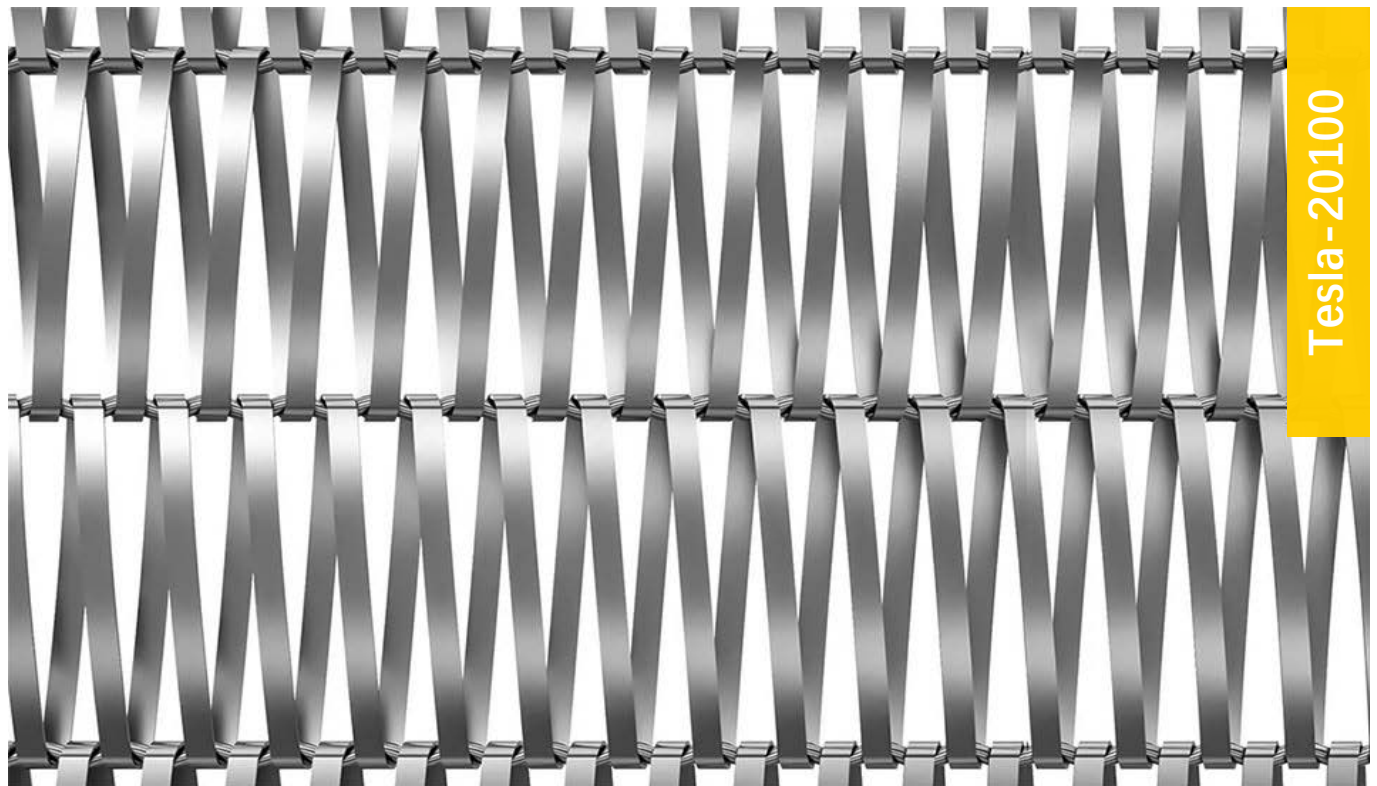
MATERIALS FINISHES



Tesla-202018C Specifications

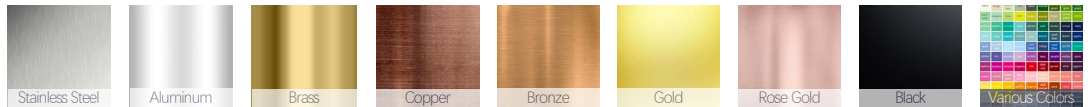


Product Name	Tesla-202018C
Material	Stainless Steel, Aluminum, Brass, Copper
Spiral Wire (d), mm (in)	1.8 (.071)
Pitch (P1), mm (in)	20 (.79)
Pitch (P2), mm (in)	20 (.79)
Coil Dia. (C), mm (in)	14 (.55)
Open Area	75%
Max Rigid	On demand
Max Flex	On demand
Approx. Weight, kg/m2 (lb/ft2)	1.53 (.31), Aluminum
Approx. Weight, kg/m2 (lb/ft2)	4.5 (1.52), Steel
Approx. Weight, kg/m2 (lb/ft2)	4.8 (.98), Brass
Approx. Weight, kg/m2 (lb/ft2)	5.1 (1.04), Copper

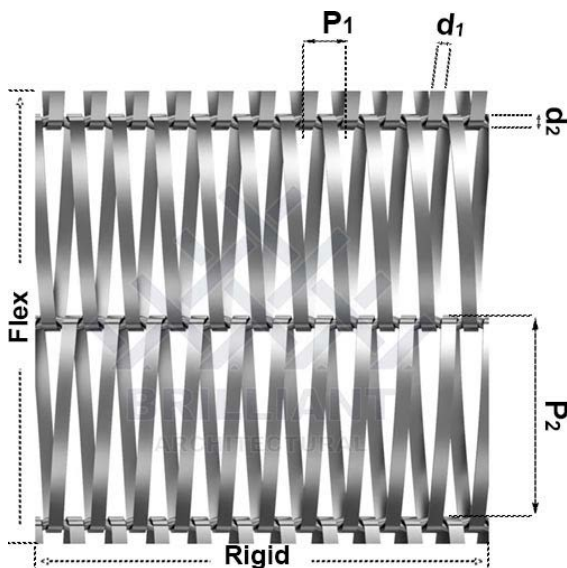


Tesla-20100

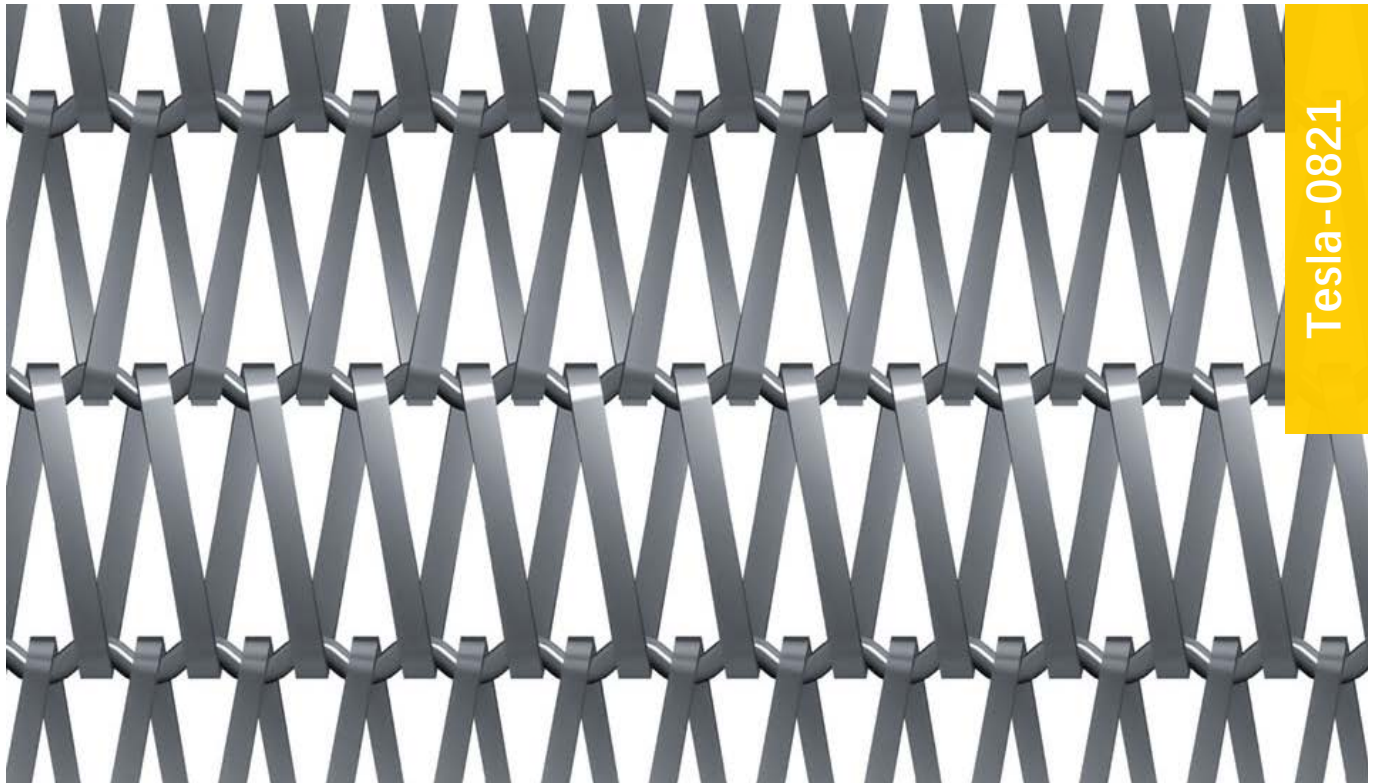
MATERIALS FINISHES



Tesla-20100 Specifications

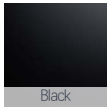
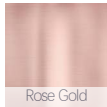
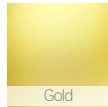
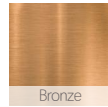
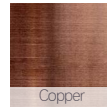
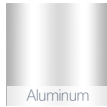


Product Name	Tesla-20100
Material	Stainless Steel, Aluminum, Brass, Copper
Spiral Wire (d1), mm (in)	7 (.276)
Cross Wire (d2), mm (in)	5 (.197)
Pitch (P1), mm (in)	20 (.787)
Pitch (P2), mm (in)	100 (3.94)
Open Area	33%
Max Rigid	On demand
Max Flex	On demand
Approx. Weight, kg/m2 (lb/ft2)	2.8 (.45), Aluminum
Approx. Weight, kg/m2 (lb/ft2)	8 (1.74), Steel
Approx. Weight, kg/m2 (lb/ft2)	8.51 (1.42), Brass
Approx. Weight, kg/m2 (lb/ft2)	9 (1.54), Copper

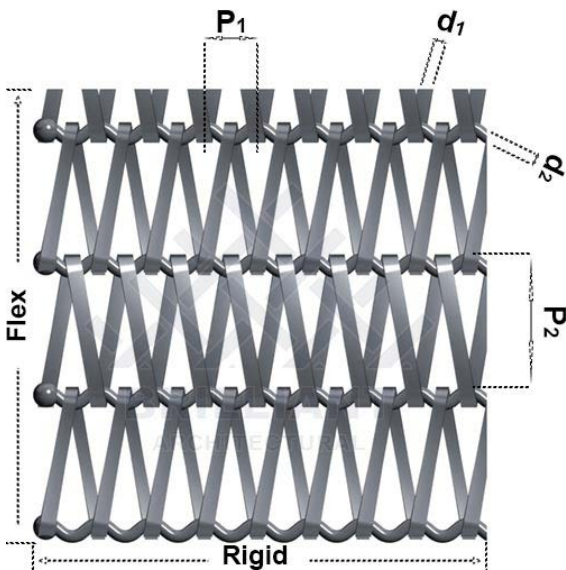


Tesla-0821

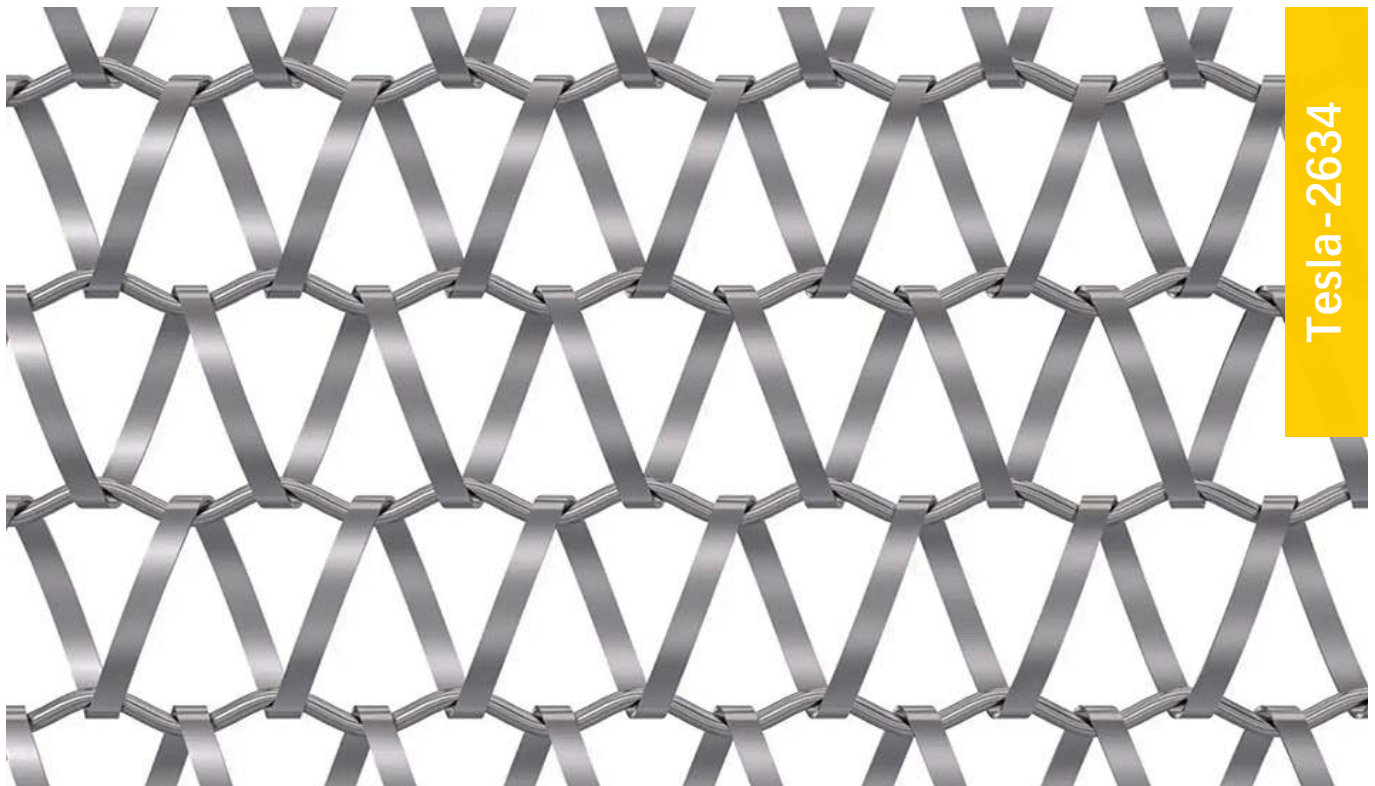
MATERIALS FINISHES



Tesla-0821 Specifications

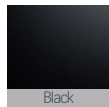
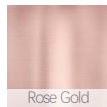
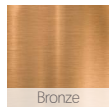
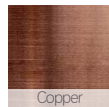


Product Name	Tesla-0821
Material	Stainless Steel, Aluminum, Brass, Copper
Spiral Wire (d1), mm (in)	2.5 x 0.8 (.098 x .031)
Cross Wire (d2), mm (in)	2 (.079)
Pitch (P1), mm (in)	8.5 (.335)
Pitch (P2), mm (in)	21 (.827)
Open Area	45%
Max Rigid	On demand
Max Flex	On demand
Approx. Weight, kg/m2 (lb/ft2)	2.2 (.45), Aluminum
Approx. Weight, kg/m2 (lb/ft2)	6.5 (1.74), Steel
Approx. Weight, kg/m2 (lb/ft2)	6.91 (1.42), Brass
Approx. Weight, kg/m2 (lb/ft2)	7.5 (1.54), Copper



Tesla-2634

MATERIALS FINISHES



Stainless Steel

Aluminum

Brass

Copper

Bronze

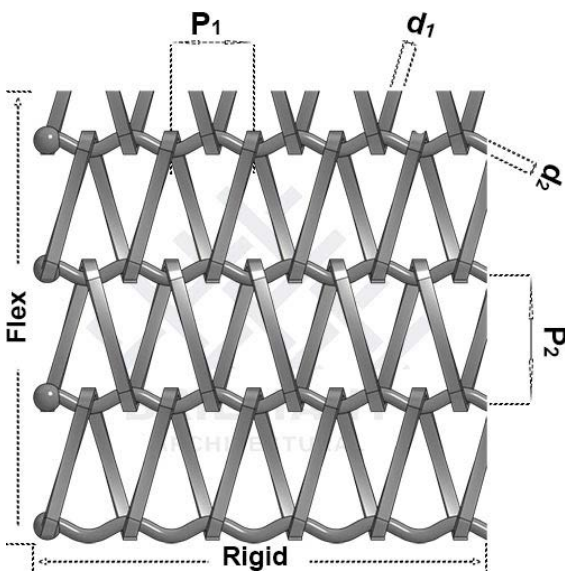
Gold

Rose Gold

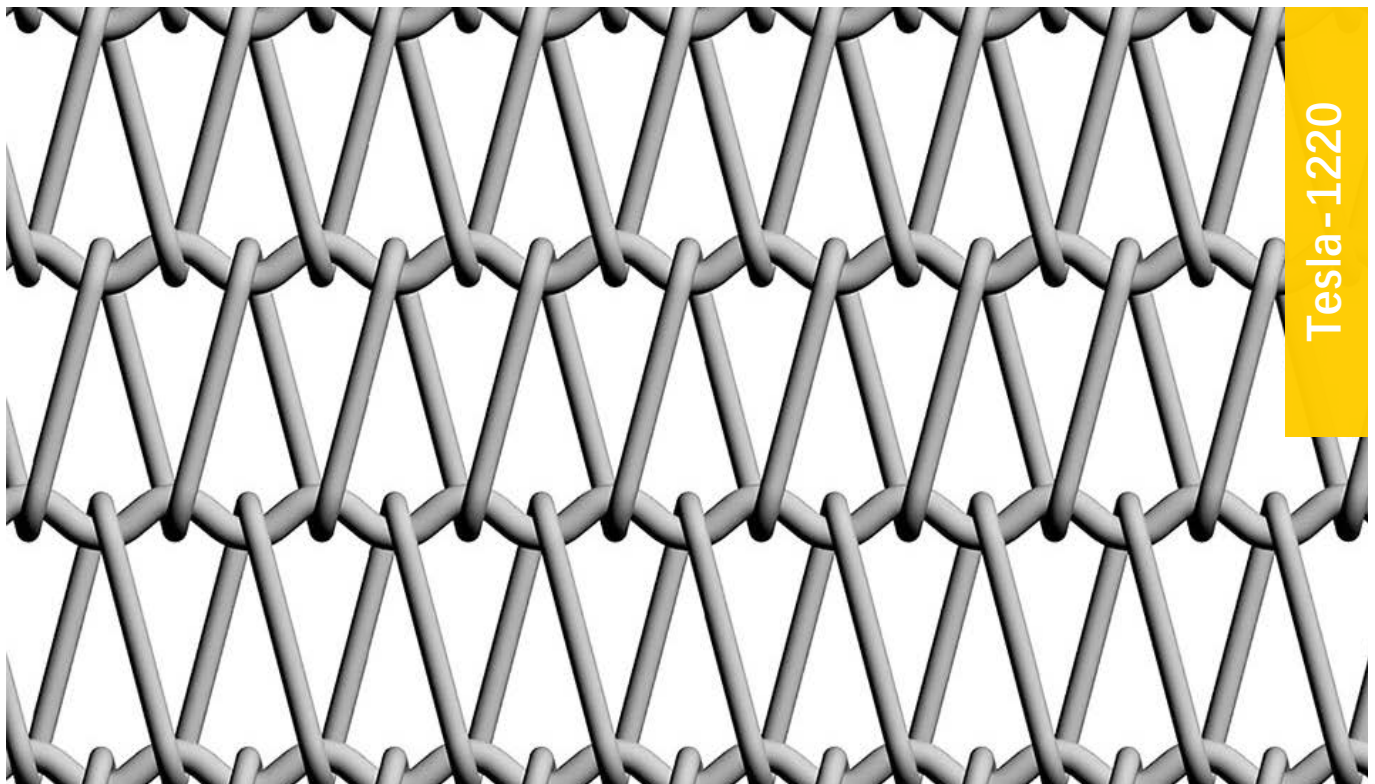
Black

Various Colors

Tesla-2634 Specifications



Product Name	Tesla-2634
Material	Aluminum, Steel
Spiral Wire (d1), mm (in)	4 (.157)
Cross Rod (d2), mm (in)	3 (.118)
Pitch (P1), mm (in)	26 (1.02)
Pitch (P2), mm (in)	34 (1.34)
Open Area	55%
Max Rigid	
Max Flex	
Approx. Weight, kg/m2 (lb/ft2)	2.1 (.43), Aluminum
Approx. Weight, kg/m2 (lb/ft2)	6.2 (1.27), Steel



Tesla-1220

MATERIALS FINISHES



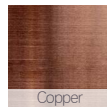
Stainless Steel



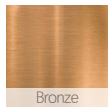
Aluminum



Brass



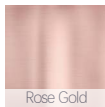
Copper



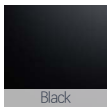
Bronze



Gold



Rose Gold

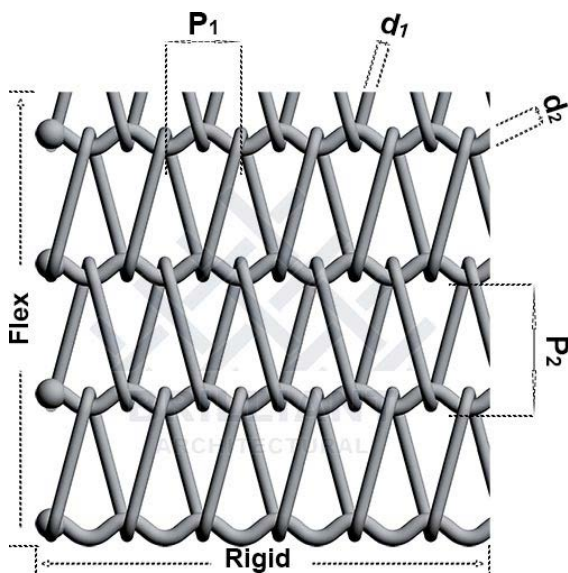


Black

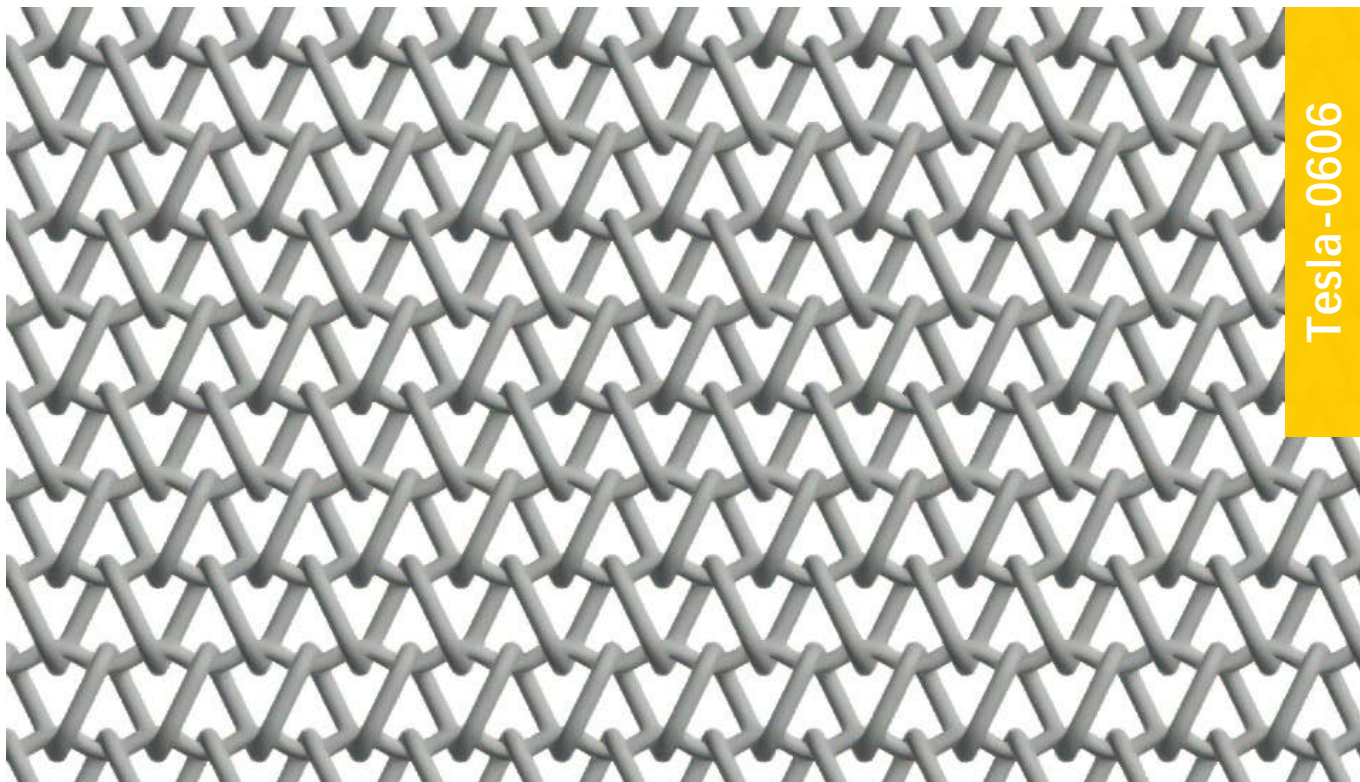


Various Colors

Tesla-1220 Specifications



Product Name	Tesla-1220
Material	Stainless Steel, Aluminum, Brass, Copper
Spiral Wire (d1), mm (in)	2 (.079)
Cross Wire (d2), mm (in)	2.5 (.095)
Pitch (P1), mm (in)	12 (.47)
Pitch (P2), mm (in)	20 (.79)
Open Area	52%
Max Rigid	On demand
Max Flex	On demand
Approx. Weight, kg/m2 (lb/ft2)	2.64 (.54), Aluminum
Approx. Weight, kg/m2 (lb/ft2)	7.8 (1.6), Steel
Approx. Weight, kg/m2 (lb/ft2)	8.3 (1.7), Brass
Approx. Weight, kg/m2 (lb/ft2)	8.8 (1.8), Copper



Tesla-0606

MATERIALS FINISHES



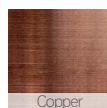
Stainless Steel



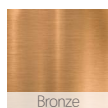
Aluminum



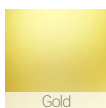
Brass



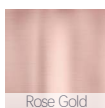
Copper



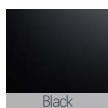
Bronze



Gold



Rose Gold

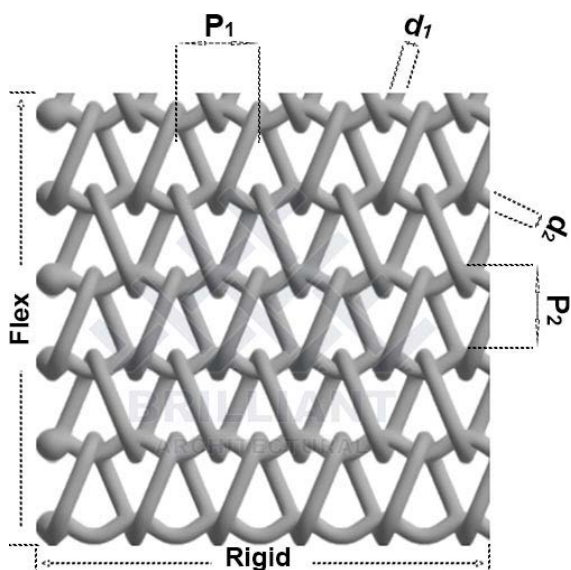


Black

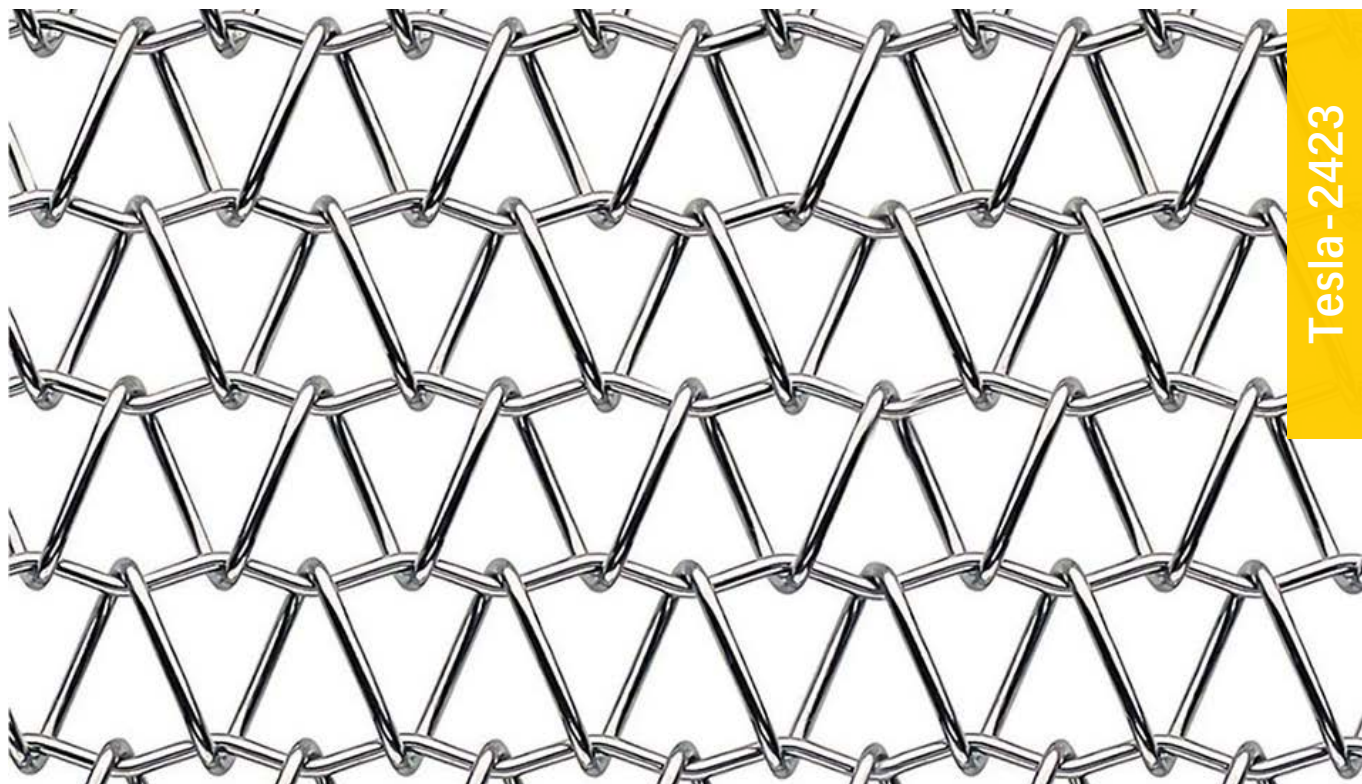


Various Colors

Tesla-0606 Specifications



Product Name	Tesla-0606
Material	Stainless Steel, Aluminum, Brass, Copper
Spiral Wire (d1), mm (in)	1.2 (.047)
Cross Wire (d2), mm (in)	1.2 (.047)
Pitch (P1), mm (in)	6 (.236)
Pitch (P2), mm (in)	6 (.236)
Open Area	35%
Max Rigid	On demand
Max Flex	On demand
Approx. Weight, kg/m2 (lb/ft2)	2.37 (.49), Aluminum
Approx. Weight, kg/m2 (lb/ft2)	7 (1.43), Steel
Approx. Weight, kg/m2 (lb/ft2)	7.44 (1.52), Brass
Approx. Weight, kg/m2 (lb/ft2)	7.88 (1.61), Copper



Tesla-2423

MATERIALS FINISHES



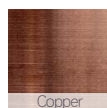
Stainless Steel



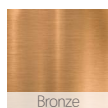
Aluminum



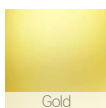
Brass



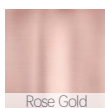
Copper



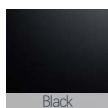
Bronze



Gold



Rose Gold

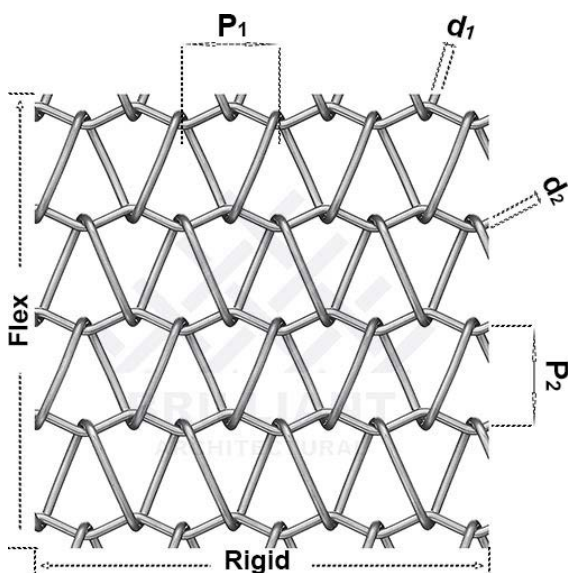


Black

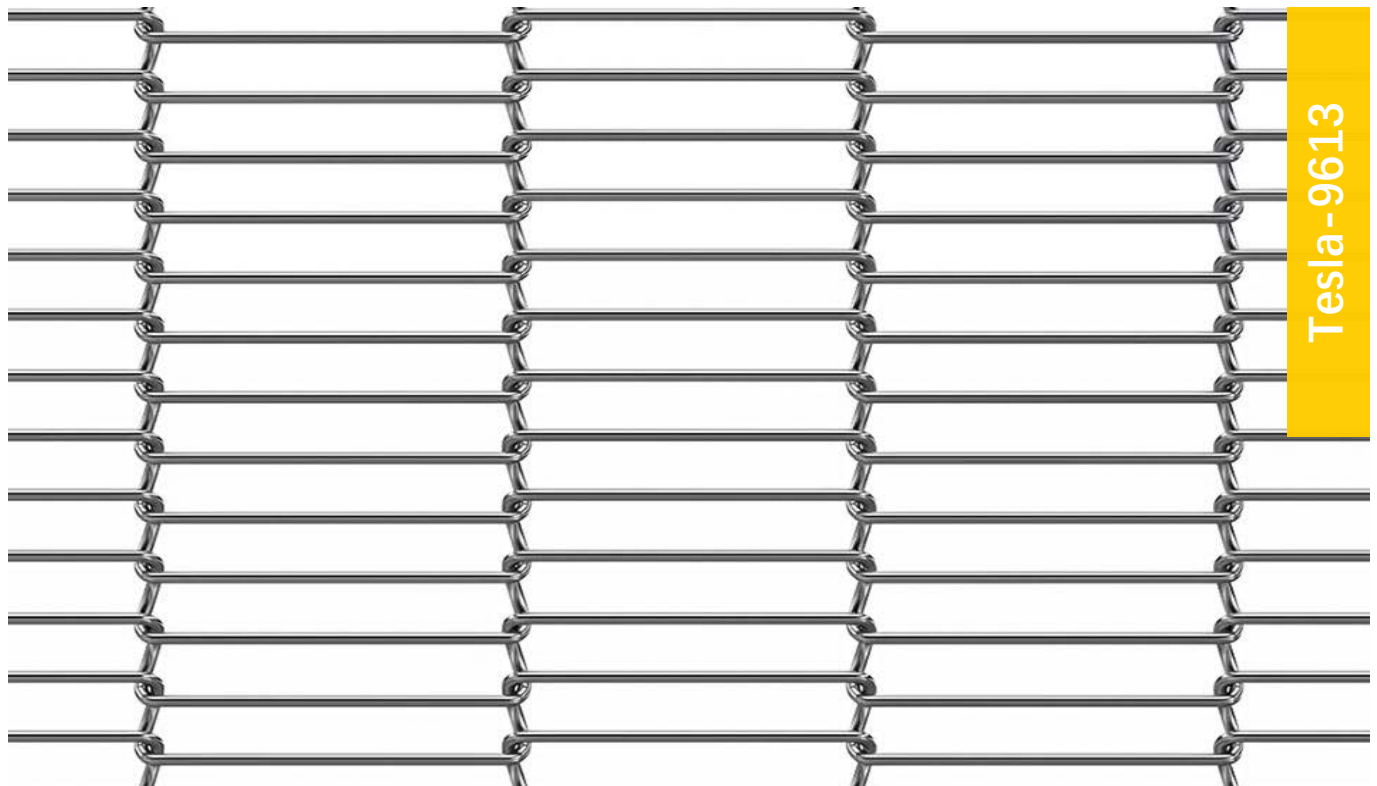


Various Colors

Tesla-2423 Specifications



Product Name	Tesla-2423
Material	Steel, Aluminum, Brass
Spiral Wire (d1), mm (in)	2.6 (.142)
Cross Wire (d2), mm (in)	2.6 (.142)
Pitch (P1), mm (in)	24 (.945)
Pitch (P2), mm (in)	23 (.906)
Open Area	65%
Max Rigid	
Max Flex	
Approx. Weight, kg/m2 (lb/ft2)	2.37 (.485), Aluminum
Approx. Weight, kg/m2 (lb/ft2)	7 (1.434), Steel



Tesla-9613

MATERIALS FINISHES



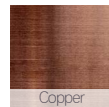
Stainless Steel



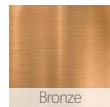
Aluminum



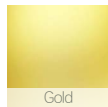
Brass



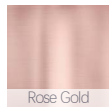
Copper



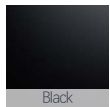
Bronze



Gold



Rose Gold

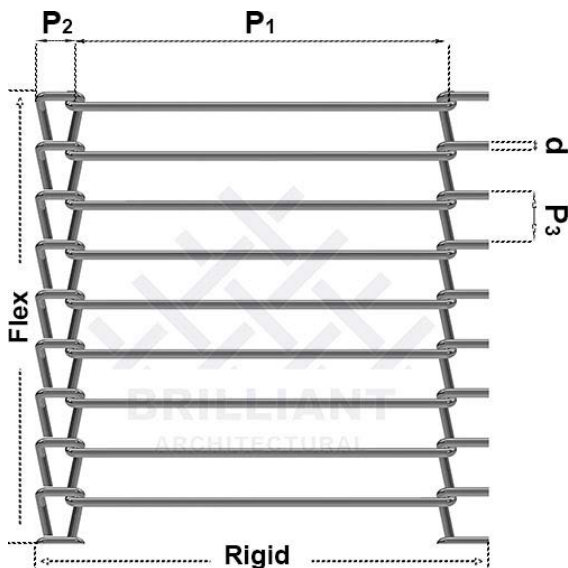


Black

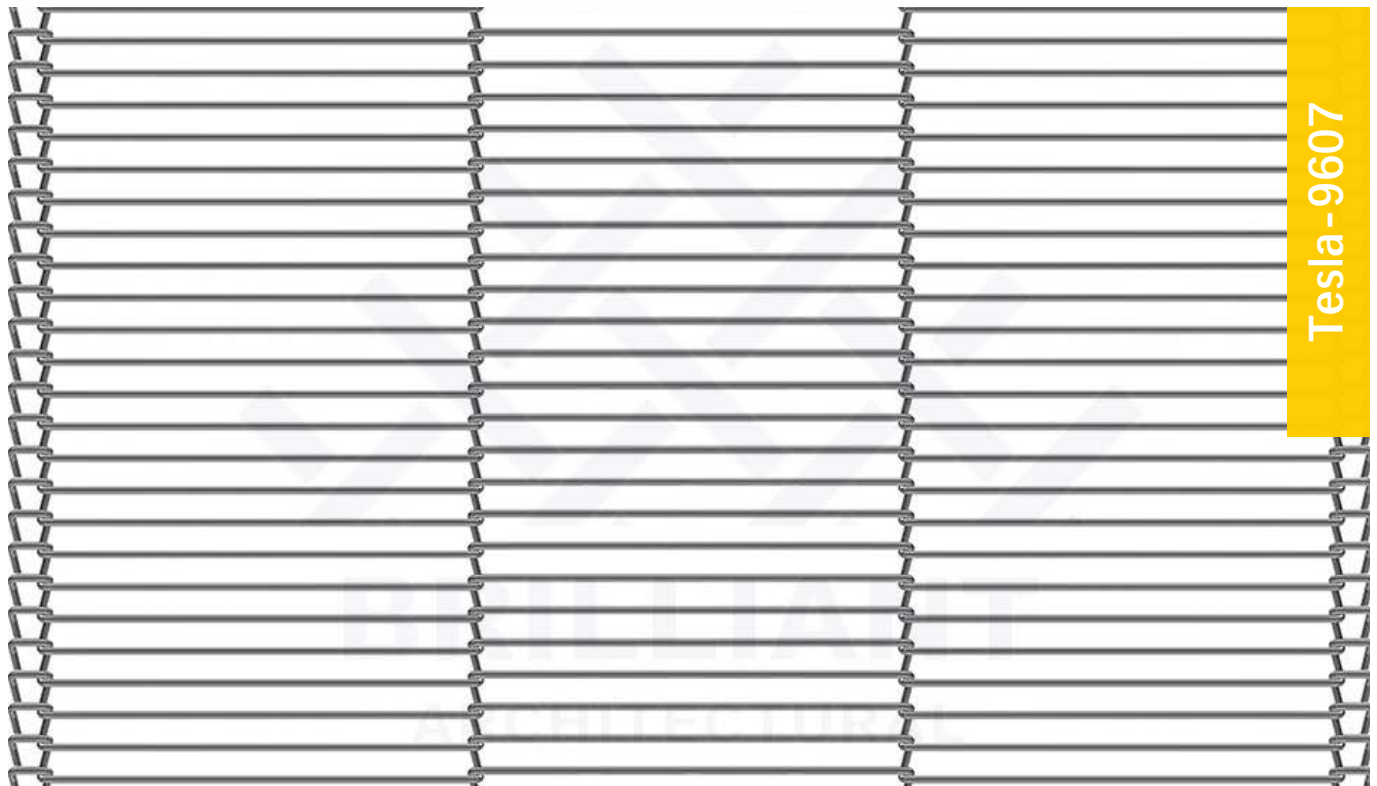


Various Colors

Tesla-9613 Specifications



Product Name	Tesla-9613
Material	Stainless Steel, Copper, Brass
Wire Dia. (d), mm (in)	2.35 (.093)
Pitch (P1), mm (in)	96 (3.78)
Pitch (P2), mm (in)	13 (.512)
Open Area	80%
Max Rigid	
Max Flex	
Approx. Weight, kg/m2 (lb/ft2)	3.4 (.717), Stainless Steel
Approx. Weight, kg/m2 (lb/ft2)	3.83 (.784), Copper
Approx. Weight, kg/m2 (lb/ft2)	3.6 (.565), Brass

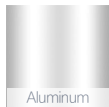


Tesla-9607

MATERIALS FINISHES



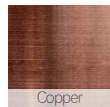
Stainless Steel



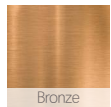
Aluminum



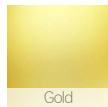
Brass



Copper



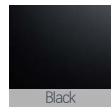
Bronze



Gold



Rose Gold

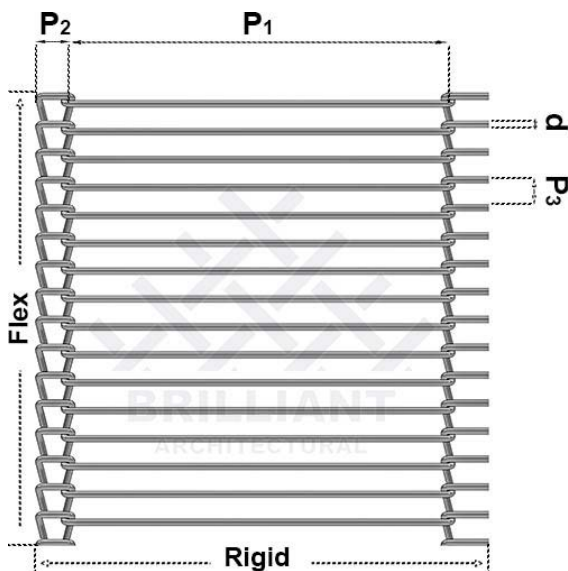


Black



Various Colors

Tesla-9607 Specifications



Product Name

Tesla-9607

Material

Stainless Steel, Copper, Brass

Wire Dia. (d), mm (in)

1.6 (.063)

Pitch (P1), mm (in)

96 (3.78)

Pitch (P2), mm (in)

7 (.276)

Open Area

76%

Max Rigid

Max Flex

Approx. Weight, kg/m2 (lb/ft2)

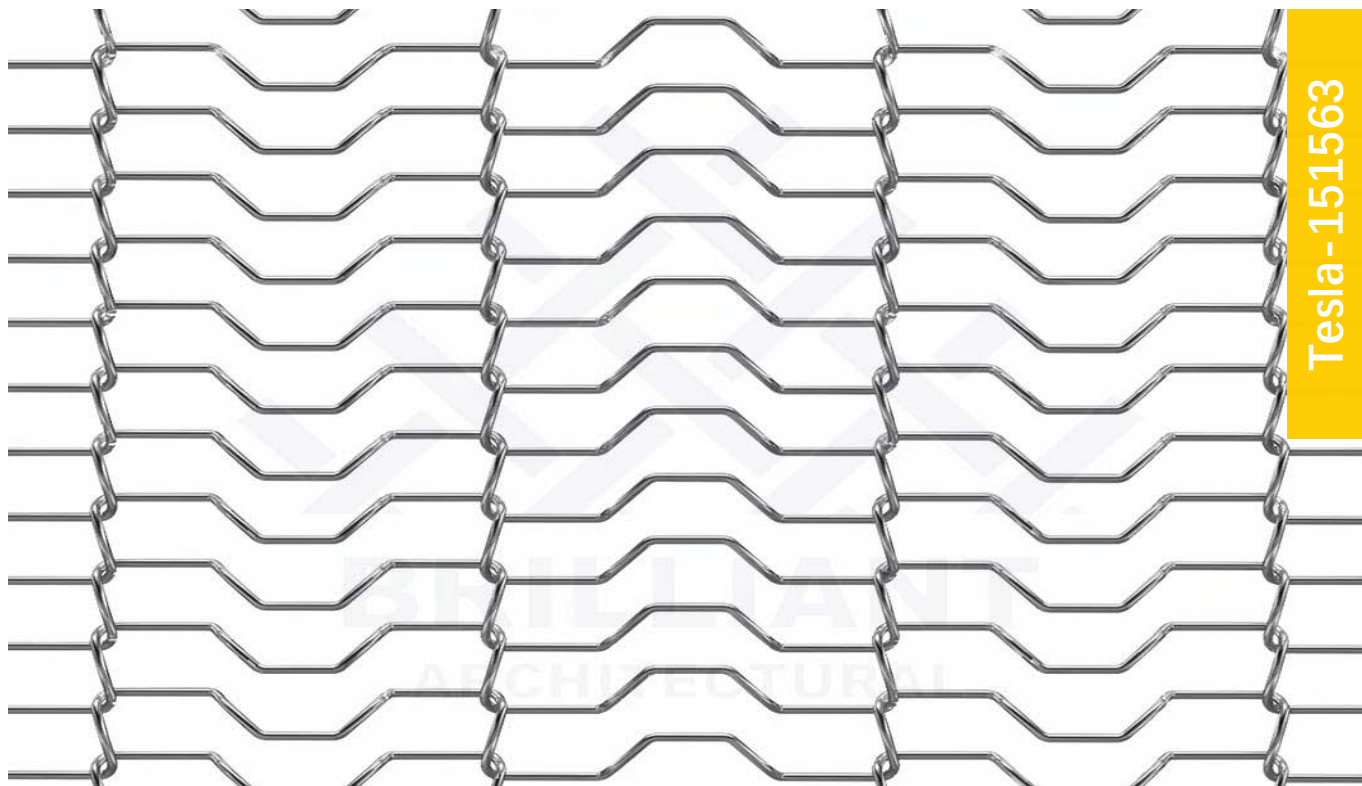
2.6 (.533), Stainless Steel

Approx. Weight, kg/m2 (lb/ft2)

2.9 (.594), Copper

Approx. Weight, kg/m2 (lb/ft2)

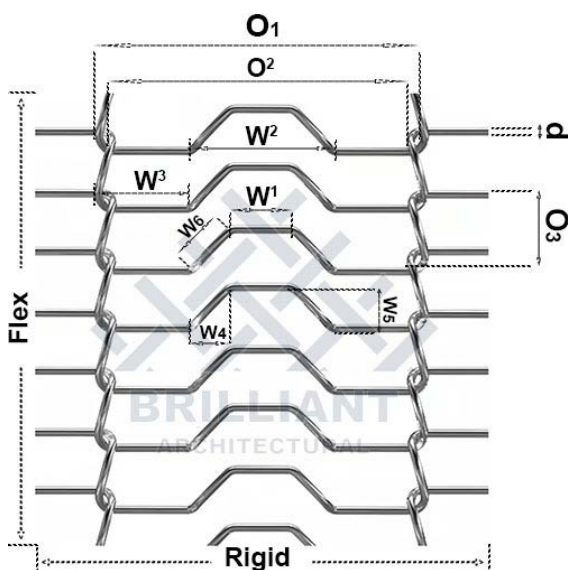
2.76 (.565), Brass



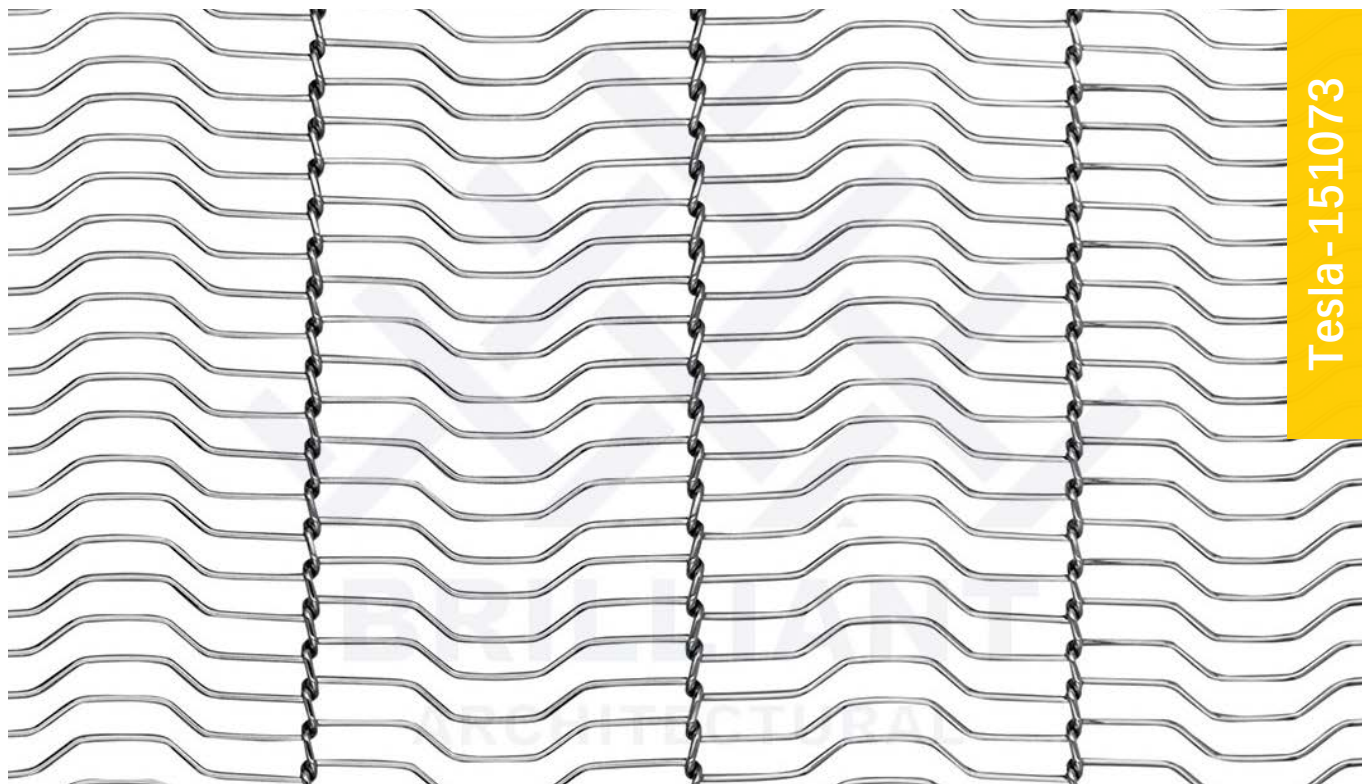
MATERIALS FINISHES



Tesla-151563 Specifications

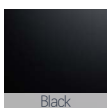
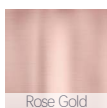
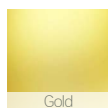
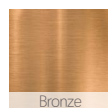
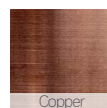


Product Name	Tesla-20100
Wire Diameter (d), mm (in)	1.5 (.059)
Opening (O1), mm (in)	63 (2.48)
Opening (O2), mm (in)	58 (2.28)
Opening (O3), mm (in)	15 (3.1)
W1, mm (in)	13 (.512)
W2, mm (in)	28 (1.1)
W3, mm (in)	18 (.71)
W4, mm (in)	8 (.315)
W5, mm (in)	8 (.315)
W6, mm (in)	10 (.394)
Open Area	80%
Approx. Weight, kg/m2 (lb/ft2)	2.8 (.57), Stainless Steel
Approx. Weight, kg/m2 (lb/ft2)	0.93 (0.19), Aluminum
Approx. Weight, kg/m2 (lb/ft2)	2.9 (0.6), Brass
Approx. Weight, kg/m2 (lb/ft2)	3 (.615), Copper

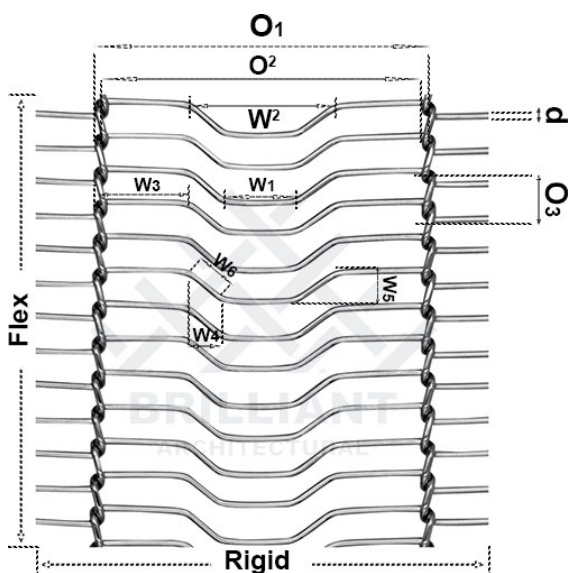


Tesla - 151073

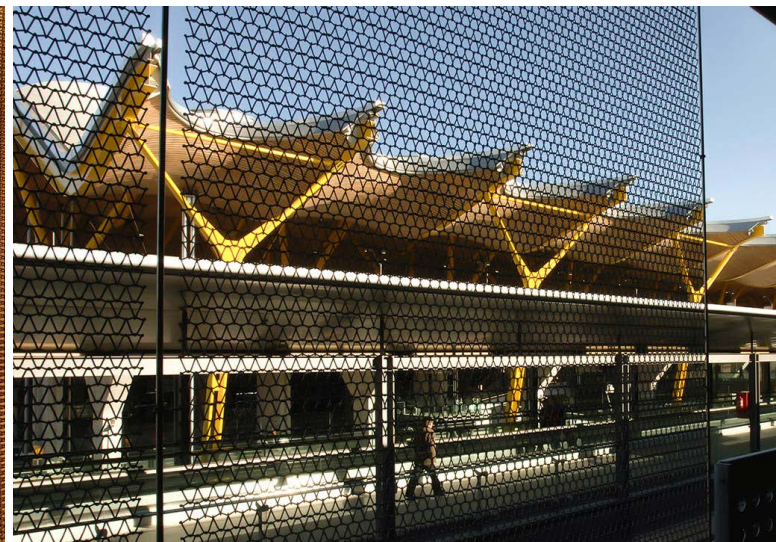
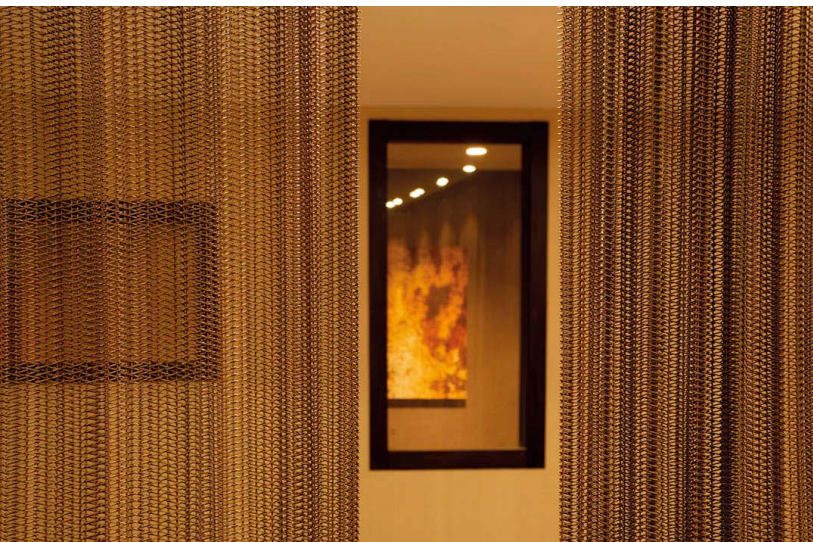
MATERIALS FINISHES

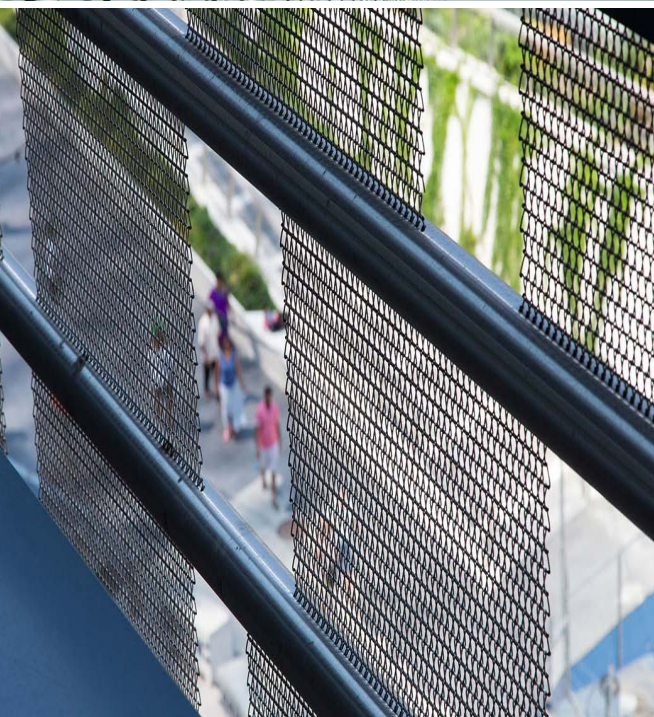


Tesla-151073 Specifications



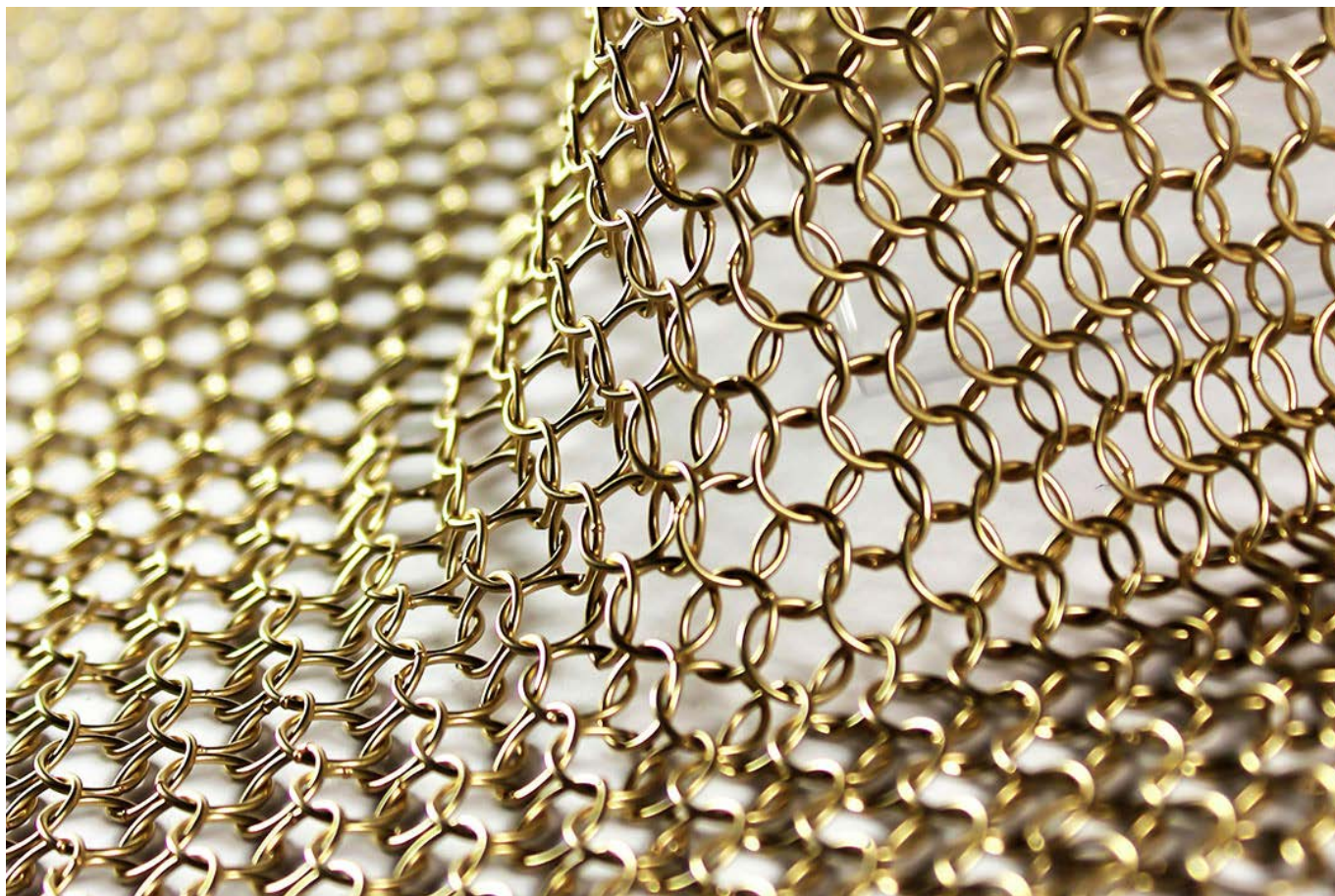
Product Name	Tesla-151073
Spiral Wire (d), mm (in)	1.5 (.059)
Opening (O1), mm (in)	73 (2.87)
Opening (O2), mm (in)	69 (2.72)
Opening (O3), mm (in)	10 (.395)
W1, mm (in)	15 (.59)
W2, mm (in)	32 (1.26)
W3, mm (in)	21 (.83)
W4, mm (in)	8 (.315)
W5, mm (in)	7 (.276)
W6, mm (in)	9 (.35)
Open Area	80%
Approx. Weight, kg/m2 (lb/ft2)	2.8 (.57), Stainless Steel
Approx. Weight, kg/m2 (lb/ft2)	0.93 (0.19), Aluminum
Approx. Weight, kg/m2 (lb/ft2)	2.9 (0.6), Brass
Approx. Weight, kg/m2 (lb/ft2)	3 (.615), Copper





TYPICAL APPLICATIONS

- Facades and cladding
- Metal drapery
- Door curtains
- Ceiling curtains
- Space dividers & separators
- Sun screening
- Wall covering
- Architectural metalwork
- Privacy screen



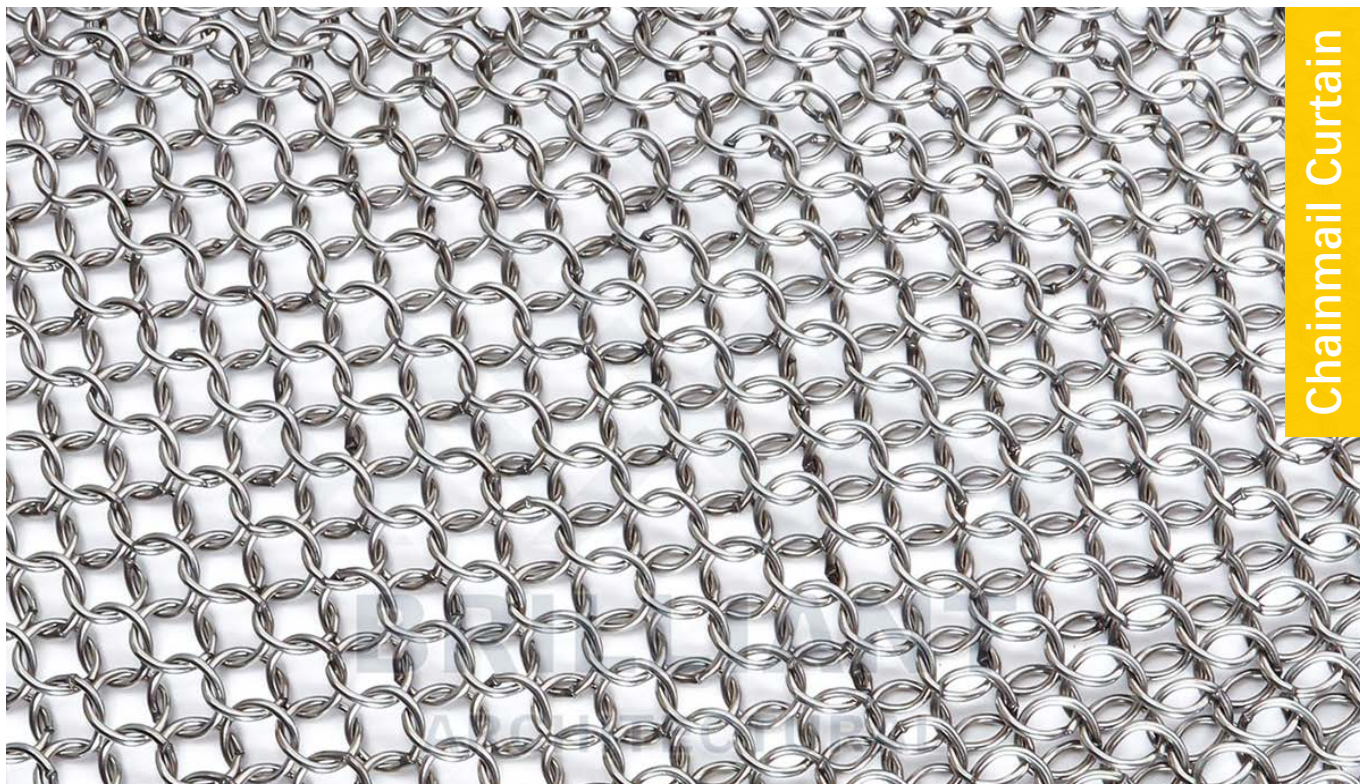
Chainmail Curtains

Chainmail curtain, also known as ring mesh, is a versatile architectural metal drapery material made from interlinked metal rings, creating a flexible, durable, and visually striking mesh. It is inspired by traditional chainmail armor but adapted for modern design and functional applications.

Chainmail curtains are typically made from galvanized steel, stainless steel, brass and bronze, etc. Single ring joint available in welded (rigid and durable) and non-welded type.

Key features include transparency, allowing light and airflow, durability, corrosion resistance, low maintenance, and a unique metallic sheen. Its flexibility enables creative designs, while its reflective properties create dynamic visual effects as it moves with air currents.

Architectural applications are diverse, ranging from room dividers and facades to ceiling installations, balcony railings, and privacy screens. It is also used in retail displays, theater backdrops, and art installations due to its modern, industrial look.



Chainmail Curtain

MATERIALS FINISHES



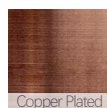
Stainless Steel



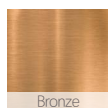
Alloy



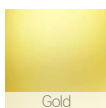
Brass



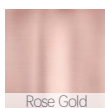
Copper Plated



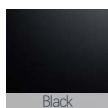
Bronze



Gold



Rose Gold



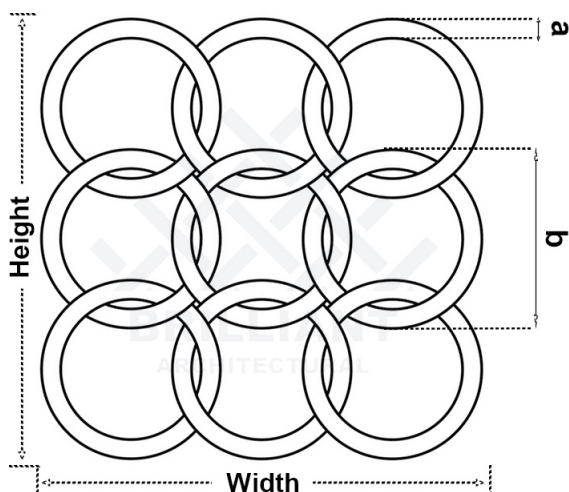
Black



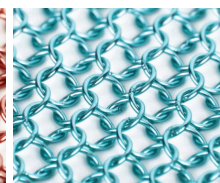
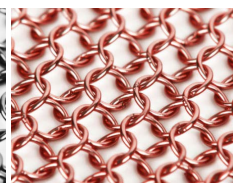
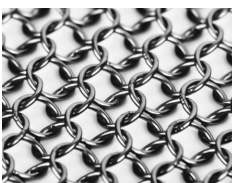
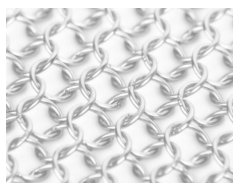
Various Colors

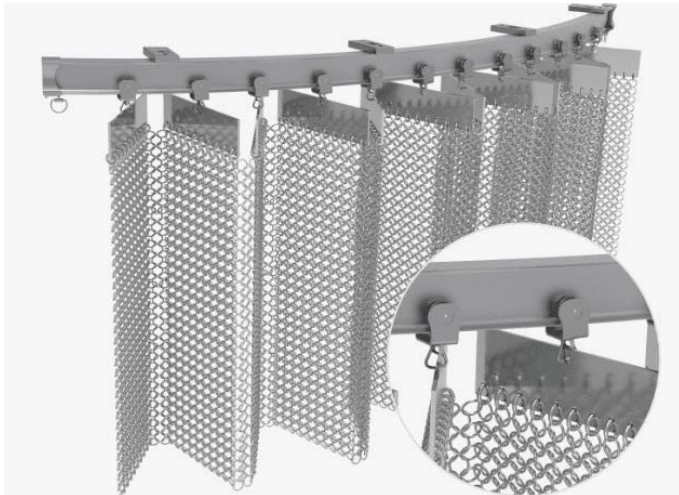
Chainmail-Ring Mesh Specifications

BRILLIANT® ARCHITECTURAL MESH

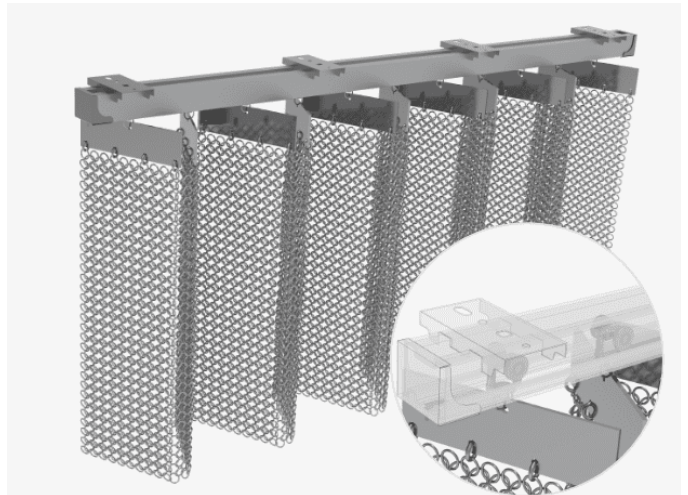


Material	Wire Gauge, mm	Ring Diameter, mm	Approx. Weight (kg/m ²)
304/316	0.8	7	3
304/316	1	8	4.1
304/316	1	10	3.3
304/316	1.2	10	4
304/316	1.2	12	4.1
304/316	1.5	10	8.8
304/316	1.5	12	6.4
304/316	1.5	15	5.2
304/316	2	20	6.4
304/316	2	25	5.8
304/316	3	30	10

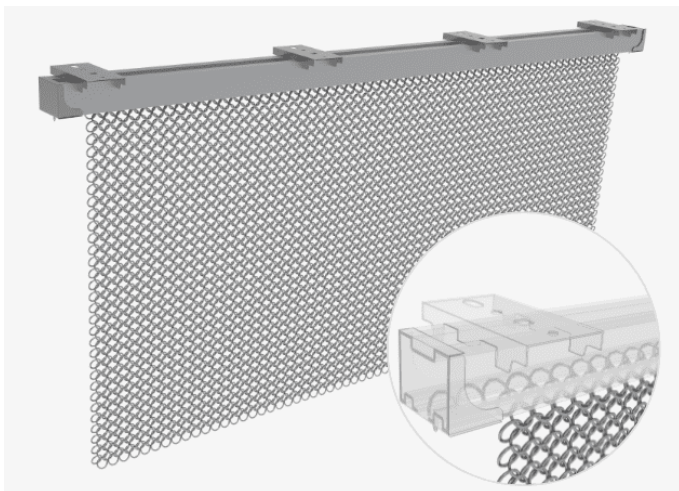




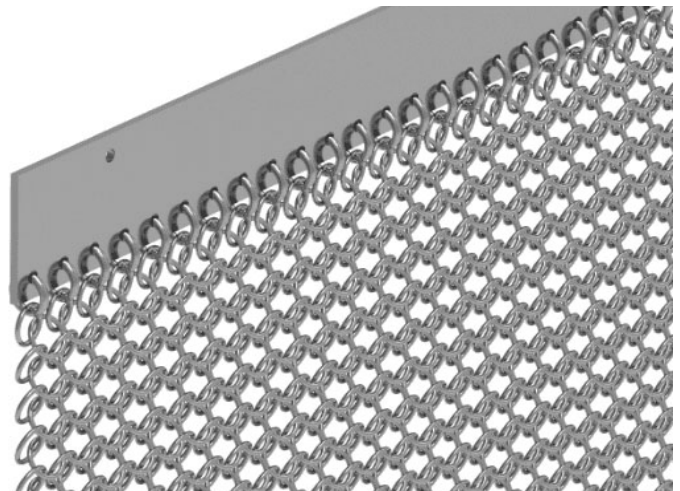
1. Curve Slide I-Beam Track



2. Straight Slide U-Channel Track



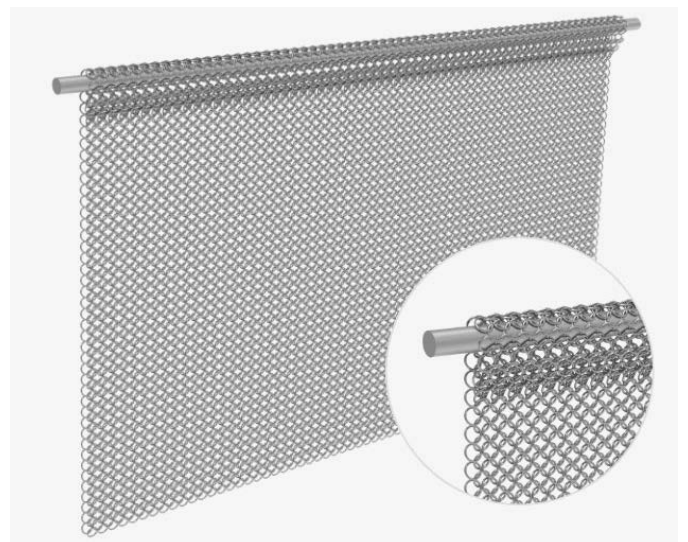
3. Straight Slide Track



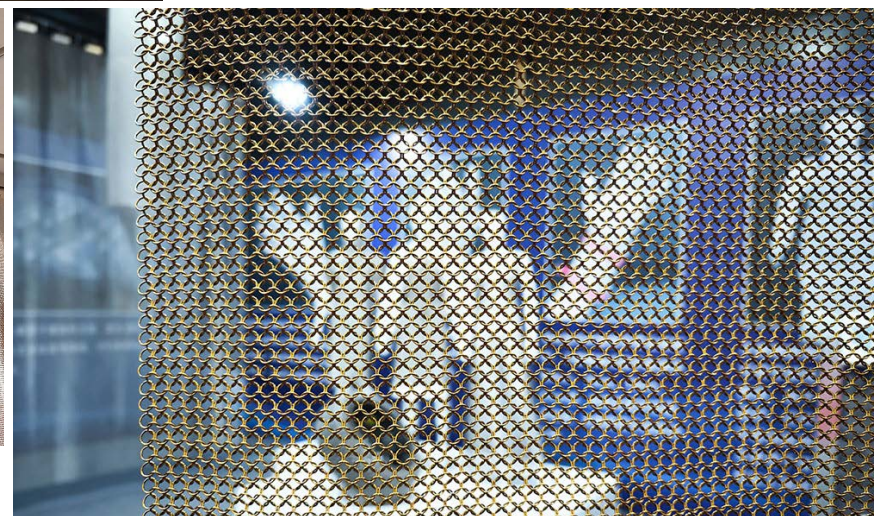
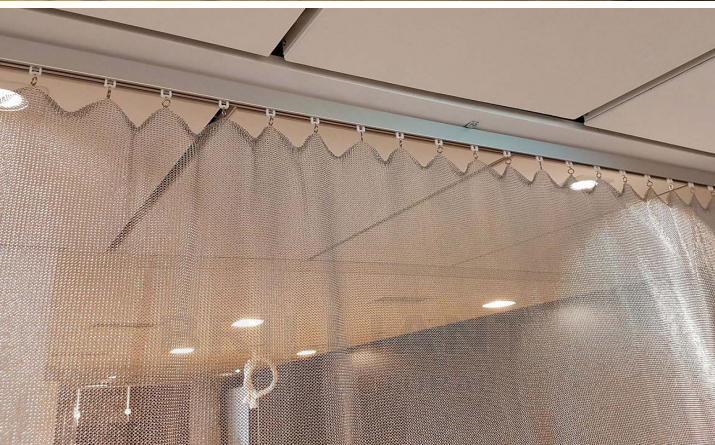
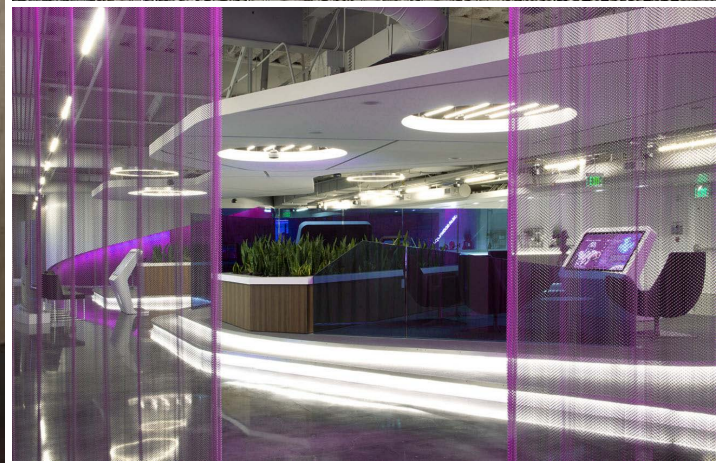
4. Straight Fixed Track



5. Rod and Angle Bar

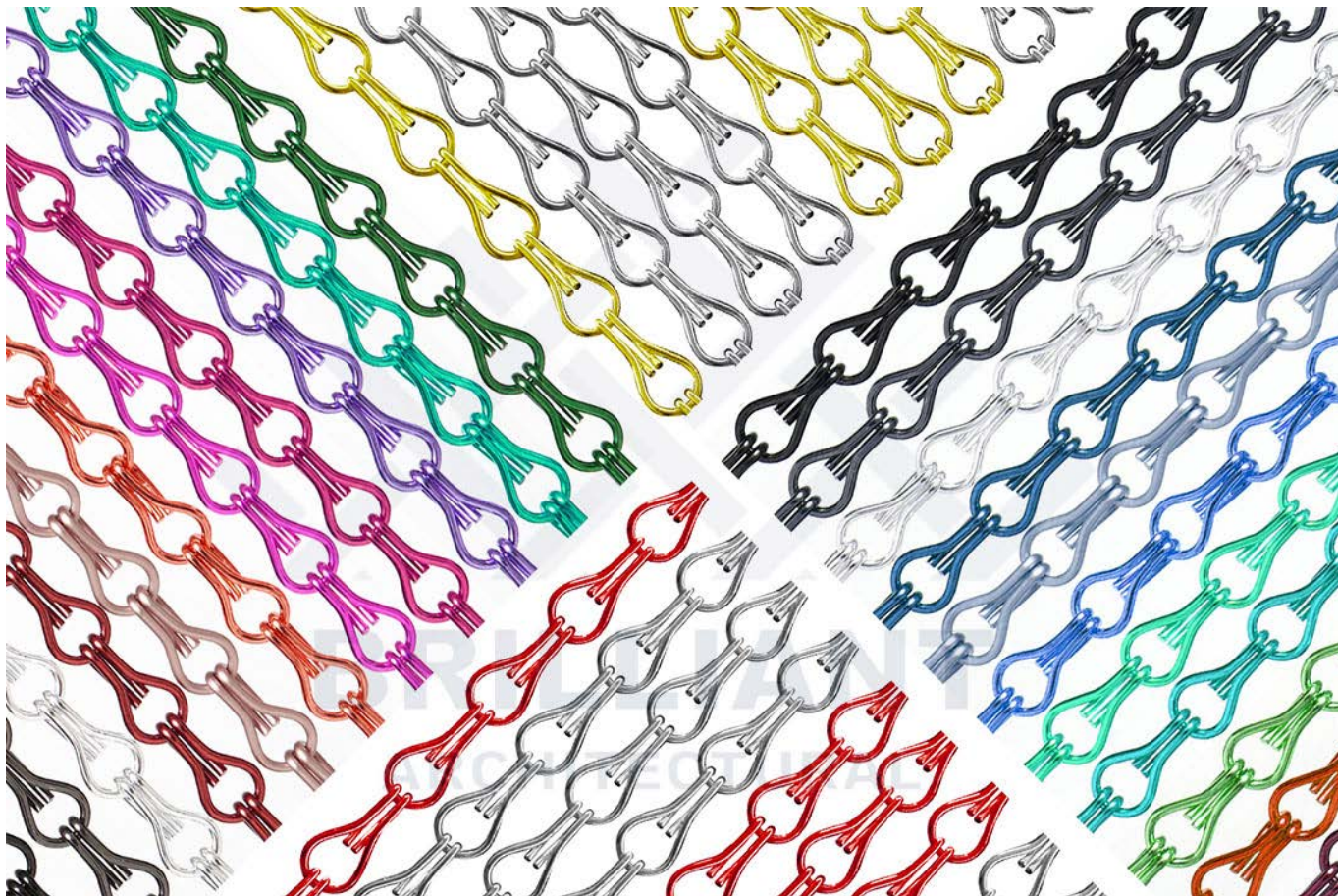


6. Rod Slide Track



TYPICAL APPLICATIONS

- Facades and cladding
- Metal drapery
- Door curtains
- Ceiling curtains
- Space dividers & separators
- Sun screening
- Safety cloth and Gloves
- Shower curtain
- Privacy screen



Chain Curtain

Chain curtain is a decorative and functional architectural element made from interlinked metal chains, typically stainless steel, aluminum, or brass, offering durability and corrosion resistance.

Key features include flexibility, transparency, sound dampening, and aesthetic appeal. In architectural applications, chain curtains are used for space division, room partitions, decorative facades, and ceiling installations. They provide visual separation while maintaining airflow and light penetration, making them ideal for modern interiors, retail spaces, and event venues.

Chain curtains also enhance acoustics and add a dynamic, shimmering effect to spaces. Their versatility and elegant design make them popular for both functional and decorative purposes in contemporary architecture.

Various Colors



Black
Gloss
Code: G001
Matte
Code: M001



Grey
Gloss
Code: G002
Matte
Code: M002



Coffe
Gloss
Code: G003
Matte
Code: M003



Brown
Gloss
Code: G004
Matte
Code: M004



Sand
Gloss
Code: G005
Matte
Code: M005



Apricot
Gloss
Code: G006
Matte
Code: M006



Orange
Gloss
Code: G007
Matte
Code: M007



Gold
Gloss
Code: G008
Matte
Code: M008



Lime
Gloss
Code: G009
Matte
Code: M009



Esmerald
Gloss
Code: G010
Matte
Code: M010



Moss
Gloss
Code: G011
Matte
Code: M011



Green
Gloss
Code: G012
Matte
Code: M012



Sliver
Gloss
Code: G013
Matte
Code: M013



Nickel
Gloss
Code: G014



Amethyst
Gloss
Code: G015
Matte
Code: M015



Pale-pink
Gloss
Code: G016
Matte
Code: M016



Florida-pink
Gloss
Code: G017
Matte
Code: M017



Pink
Gloss
Code: G018
Matte
Code: M018



Bourdeaux
Gloss
Code: G019
Matte
Code: M019



Red
Gloss
Code: G020
Matte
Code: M020



Lilac
Gloss
Code: G021
Matte
Code: M021



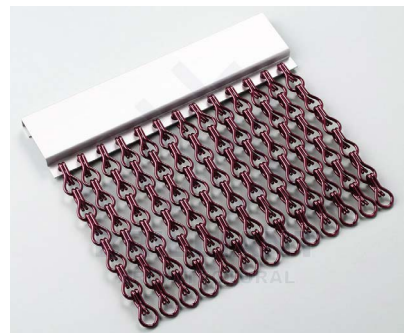
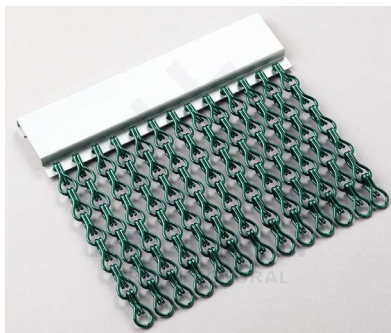
Blue
Gloss
Code: G022
Matte
Code: M022

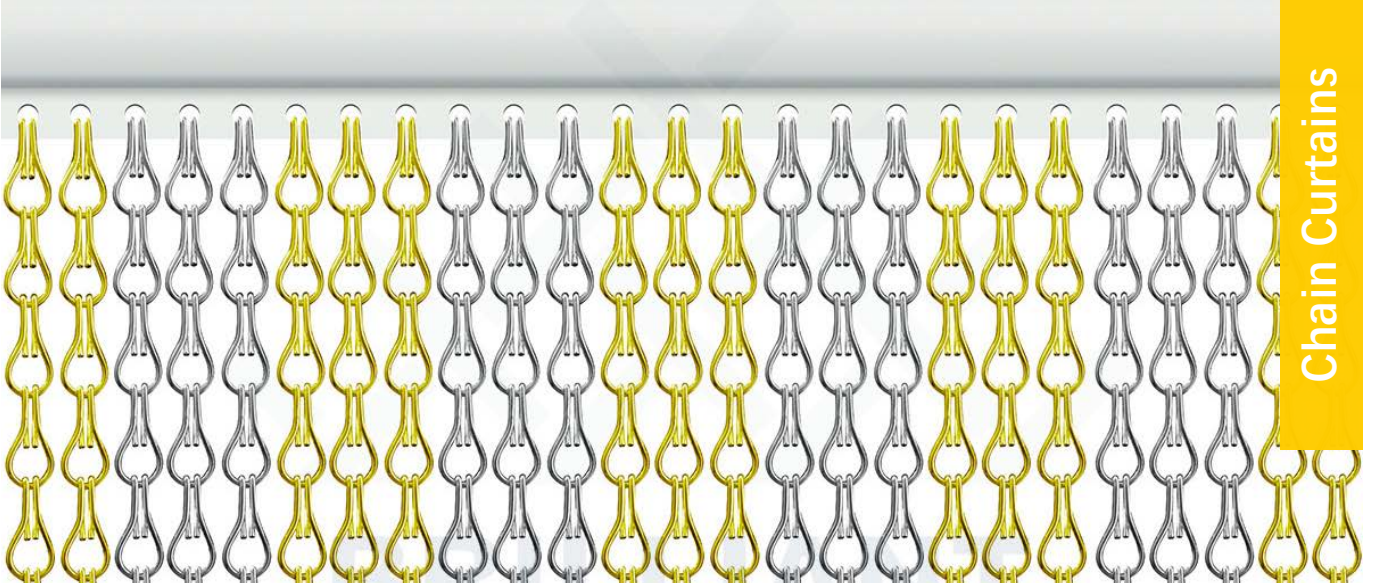


Cobalt
Gloss
Code: G023
Matte
Code: M023

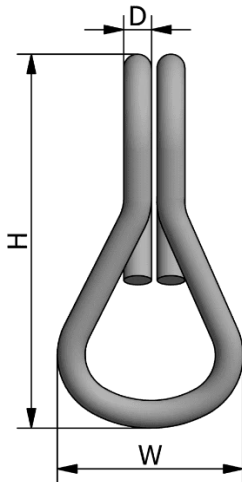


Turquoise
Gloss
Code: G024
Matte
Code: M024



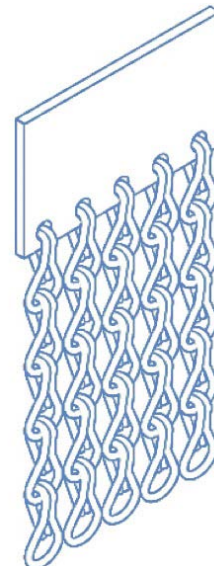
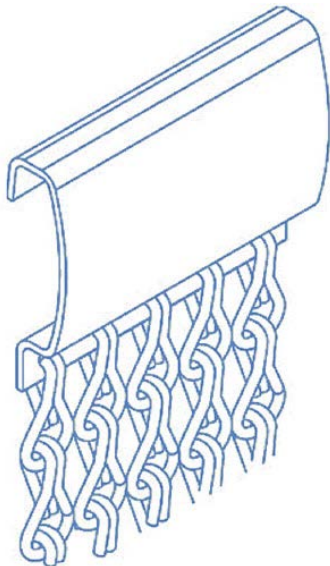


Chain Curtain Specifications

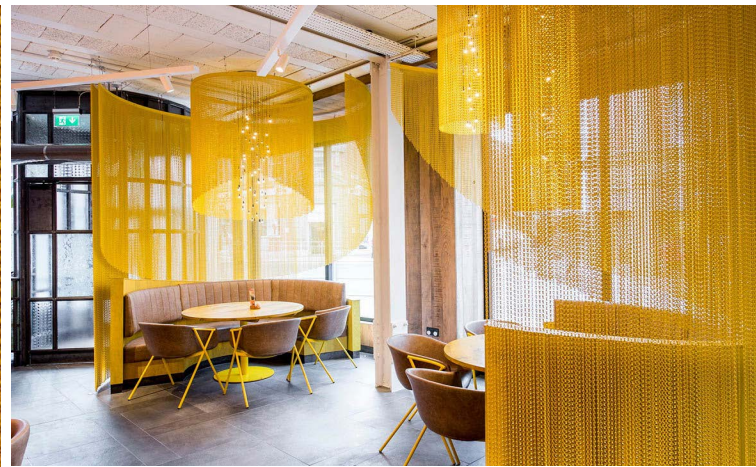


Product Name	C201224	C158517
Material	Aluminum	
Wire size (D), mm (in.)	2 (.079)	1.5 (.059)
Width (W), mm (in.)	12 (.47)	8.5 (.33)
Height (H), mm (in.)	24 (.94)	17 (.67)
Finish	Anodized, gloss, matte	

Installation







TYPICAL APPLICATIONS

- Sun screening
- Metal drapery
- Door curtains
- Ceiling curtains
- Interior & exterior screening
- Space dividers & separators
- Wall covering
- Architectural metalwork
- Privacy screen

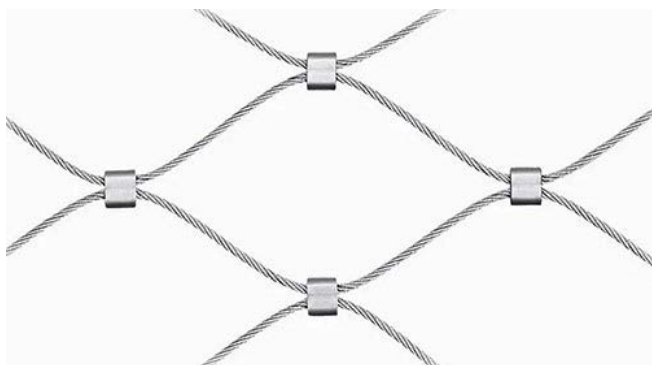


Stainless Steel Rope Mesh

Stainless steel rope mesh also known as cable mesh, is a flexible, durable architectural material made from interwoven stainless steel cables, available in two types: ferrule (metal sleeves at each intersection) and knotted (knotted intersections). It offers high strength, corrosion resistance, and transparency, making it ideal for both functional and decorative applications. Key features include flexibility, aesthetic appeal, and low maintenance.

Stainless steel rope mesh combines functionality with modern aesthetics, making it a popular choice for innovative architectural solutions.

Types of Stainless Steel Rope Mesh



Ferrule

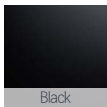
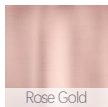
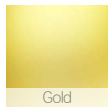


Knotted

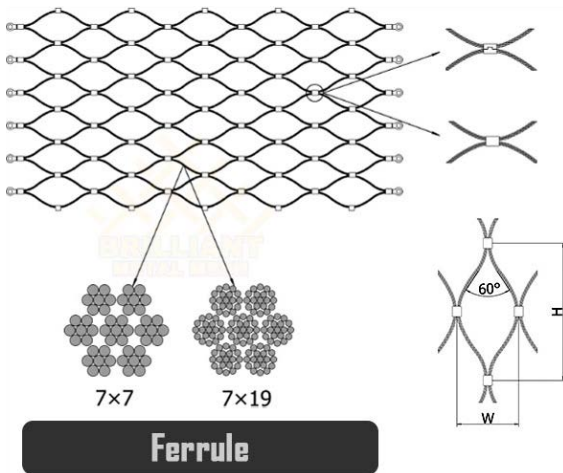


Ferrule Rope Mesh

MATERIALS COLORS



Ferrule Rope Mesh Technical Data



CABLE & ROPE MESH STRUCTURE

Cable diameter:

1.2mm (3/64"),
1.6mm (1/16"),
2.0mm (5/64"),
2.4mm (3/32"),
3.2mm (1/8"),
4.0mm (5/32")

Cable structure: 7 x 7, 7 x 19

Opening angle: Standard 60°, other angle also available such as 20°, 30°, 60°, 70° and 75°.

Opening size: W (Width of opening), H (Height of opening)

Stainless Steel Ferrule Rope Mesh Specifications

Item No.	Cable Diameter		Mesh Opening Size (W×H)	
	inch	mm	inch	mm
32120F	1/8	3.2	4.75 x 8.23	120 x 207.8
32102F	1/8	3.2	4 x 6.9	102 x 176.7
3290F	1/8	3.2	3.55 x 6.15	90 x 156
3276F	1/8	3.2	3 x 5.2	76 x 131.6
3251F	1/8	3.2	2 x 3.46	51 x 88.3
24102F	3/32	2.4	4 x 6.9	102 x 176.7
2490F	3/32	2.4	3.55 x 6.15	90 x 156
2476F	3/32	2.4	3 x 5.2	76 x 131.6
2460F	3/32	2.4	2.4 x 4.16	60 x 104
2451F	3/32	2.4	2 x 3.46	51 x 88.3
2076F	5/64	2	3 x 5.2	76 x 131.6
2060F	5/64	2	2.4 x 4.16	60 x 104
2051F	5/64	2	2 x 3.46	51 x 88.3
2038F	5/64	2	1-1/2 x 2.6	38 x 65.8
1676F	1/16	1.6	1.2 x 2.08	76 x 131.6
1651F	1/16	1.6	2 x 3.46	51 x 88.3
1638F	1/16	1.6	1-1/2 x 2.6	38 x 65.8
1630F	1/16	1.6	1.2 x 2.08	30 x 52
1625F	1/16	1.6	1 x 1.73	25.4 x 44
1238F	3/64	1.2	1-1/2 x 2.6	38 x 65.8
1230F	3/64	1.2	1.2 x 2.08	30 x 52
1225F	3/64	1.2	1 x 1.73	25.4 x 44
1220F	3/64	1.2	4/5 x 1.39	20 x 34.6



Knotted Rope Mesh

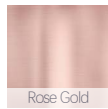
MATERIALS COLORS



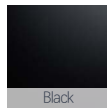
Stainless Steel



Gold



Rose Gold

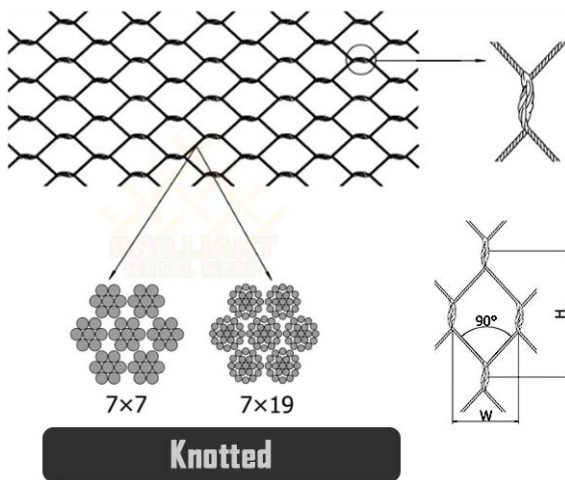


Black



Various Colors

Knotted Rope Mesh Technical Data



CABLE & ROPE MESH STRUCTURE

Cable diameter:

1.2mm (3/64"),
1.6mm (1/16"),
2.0mm (5/64"),
2.4mm (3/32"),
3.2mm (1/8"),
4.0mm (5/32")

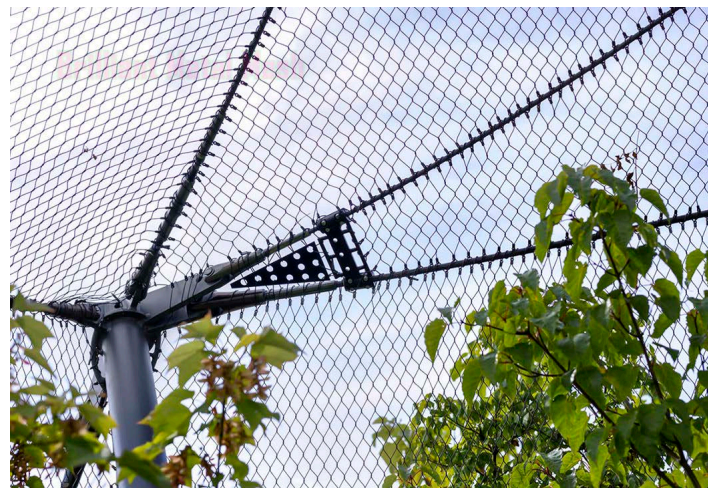
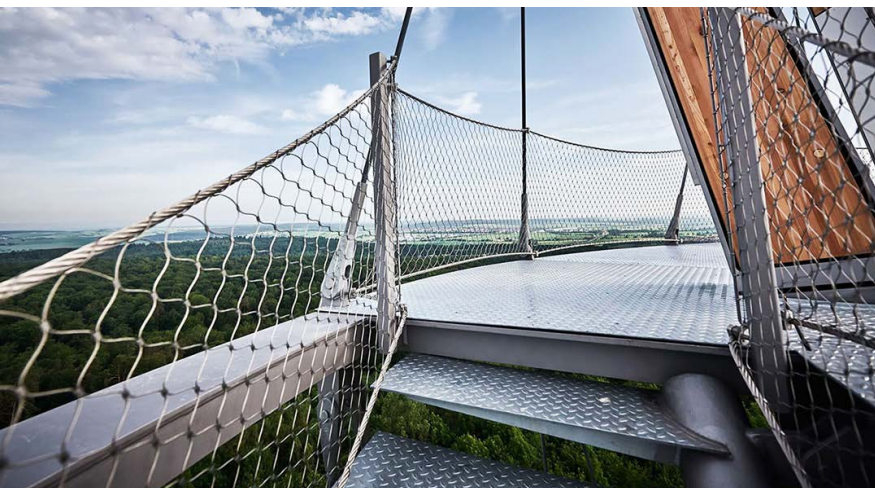
Cable structure: 7 x 7, 7 x 19

Opening angle: Standard 60°, other angle also available such as 20°, 30°, 60°, 70° and 75°.

Opening size: W (Width of opening), H (Height of opening)

Stainless Steel Knotted Rope Mesh Specifications

Item No	Cable Diameter		Mesh Opening Size (W×H)	
	inch	mm	inch	mm
3212W	1/8	3.2	4.75 × 4.75	120 × 120
3210W	1/8	3.2	4 × 4	102 × 102
3290W	1/8	3.2	3.55 × 3.55	90 × 90
3276W	1/8	3.2	3 × 3	76 × 76
3250W	1/8	3.2	2 × 2	51 × 51
2410W	3/32	2.4	4 × 4	102 × 102
2490W	3/32	2.4	3.55 × 3.55	90 × 90
2476W	3/32	2.4	3 × 3	76 × 76
2460W	3/32	2.4	2.4 × 2.4	60 × 60
2450W	3/32	2.4	2 × 2	51 × 51
2076W	5/64	2	3 × 3	76 × 76
2060W	5/64	2	2.4 × 2.4	60 × 60
2050W	5/64	2	2 × 2	51 × 51
2038W	5/64	2	1-1/2 × 1-1/2	38 × 38
1676W	1/16	1.6	3 × 3	76 × 76
1650W	1/16	1.6	2 × 2	51 × 51
1638W	1/16	1.6	1-1/2 × 1-1/2	38 × 38
1630W	1/16	1.6	1.2 × 1.2	30 × 30
1625W	1/16	1.6	1 × 1	25.4 × 25.4
1238W	3/64	1.2	1-1/2 × 1-1/2	38 × 38
1230W	3/64	1.2	1.2 × 1.2	30 × 30
1225W	3/64	1.2	1 × 1	25.4 × 25.4
1220W	3/64	1.2	4/5 × 4/5	20 × 20



TYPICAL APPLICATIONS

- Enclosure Mesh
- Rope Mesh for Fence
- Facades
- Wall Cladding
- Balustrades
- Safety Mesh
- Green Building Systems
- Safety Barriers



Brilliant Metal Mesh

Architectural Mesh Manufacturer

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Phone: +86 18531186557

Website: www.brilliantarchitectural.com

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