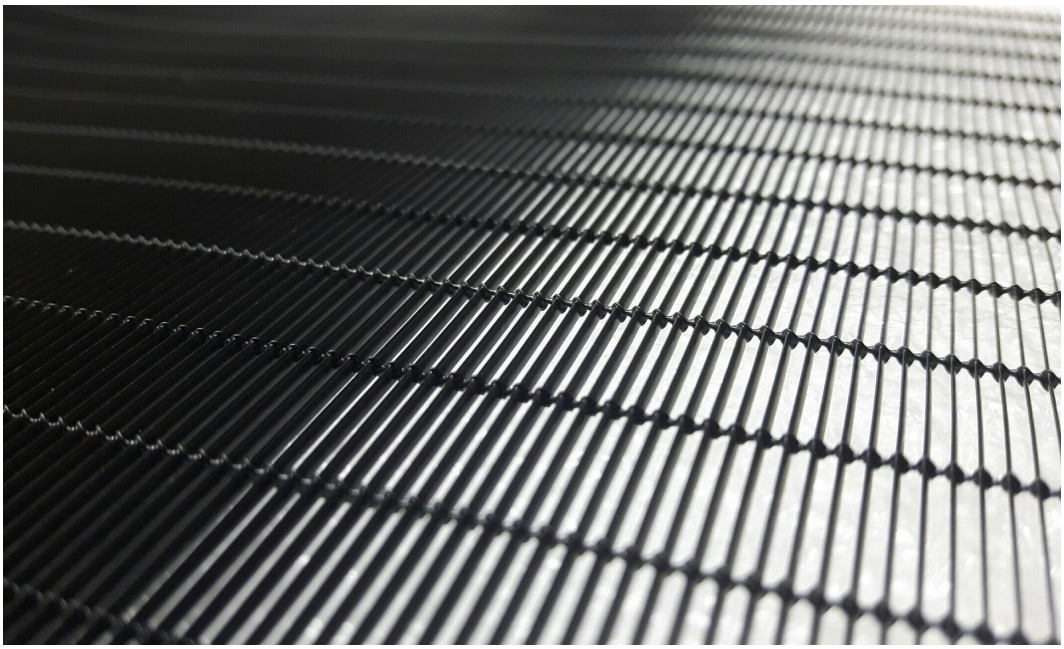
SOLAR-SHIELD
exterior shading solutions

MicroLouvre® Metal Fabric Datasheet

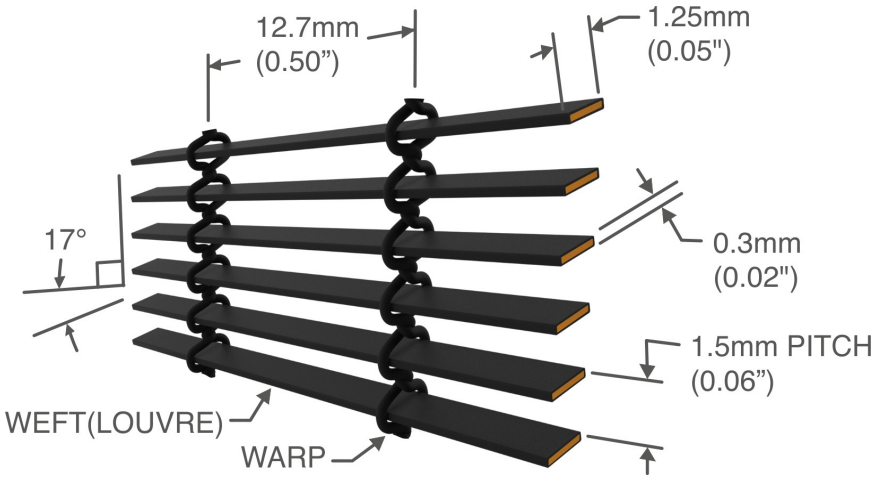
Thickness of fabric:
1.5mm coated
Weft width:
1.25mm coated
Weft thickness:
0.30mm coated
Louvre pitch:
1.5mm centre to centre
Gap between each louvre:
1.20mm coated
Warp spacing:
12.70mm centre to centre
Clear open area:
80%
Openness factor:
67%
Fabric composition:
90% CuZn15 (C230) commercial bronze and 10% CUSi3Mn1 (C655) silicon bronze
Finishes:
Polyester powder coat in any RAL colour (with the ability to create designs on the fabric which are directionally visible)
Fire rating:
Class A1/A2-s1,d0 in accordance with BS EN 13501-1:2007+A1:2009
Fire attenuation:
49.4% | Compliant screening for bushfire up to BAL-40 (based on 40kW/m2 incident irradiance)
Resistance to wind:
Hurricane proof: 100mph/160kph
Wind load:
<14.65 kgf/m2



A result of decades of extensive international research and development, MicroLouvre is a high-performance, woven metal fabric, with its weft constructed of bronze louvres. It can be used in its fabric form or tensioned in a frame, for controlling and diffusing sun, light and air.

The micro-fine louvres are angled to suit a number of applications, whether to ensure optimum light in or redirect light, whilst blocking heat and glare, or to allow ventilation and filtration of air.

It's known as angular selective technology.



*All angles, weights and dims are nominal

Solar Shading	Fire Protection	Heat Attenuation
Architectural Glazing	Lighting Design	Glare Protection
Pest Protection	Privacy and Security	Interior Design

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