Perforations

Perforations | Overview

SAS Perforation Codes
To aid the specification and understanding of perforation patterns, SAS perforation codes break down into three simple sections.

For example:

S1820

So, S1820 has a square pitch with 1.8mm punched perforation and 20% open area.

D
Diagonal
S
Square

The first letter (D or S) indicates whether the pitch is diagonal or square to the edge of the tile.

18
Diameter

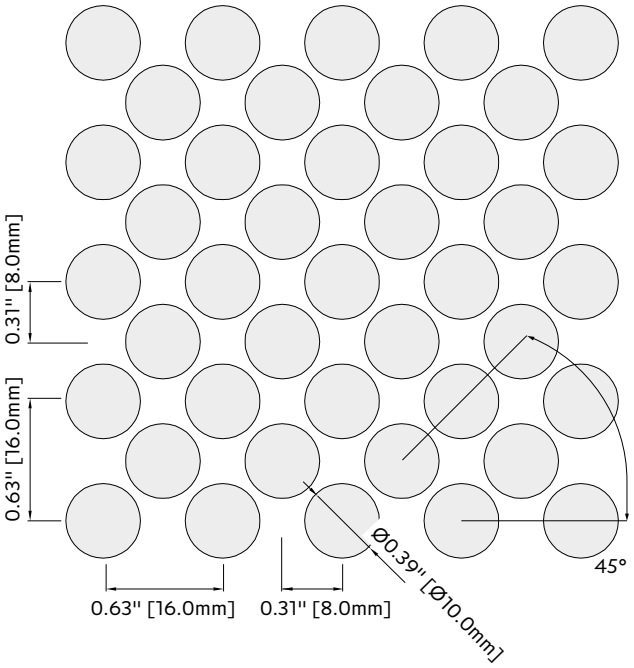
The first two numbers indicate the size of the punched hole. 18 indicates 1.8mm diameter.

20
Open area

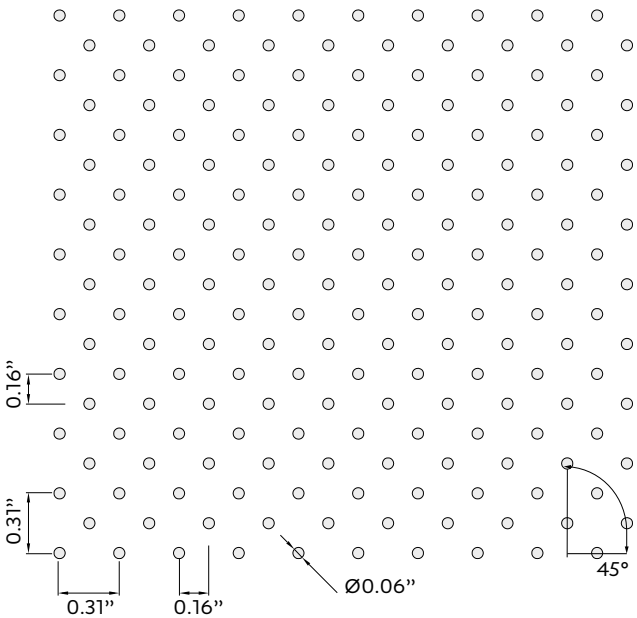
The final two numbers indicate the percentage of open area. 20 indicates a 20% open area (before paint).

Complete flexibility on perforation subject to acoustic requirements, please contact technical team.

D1061 (Ø10.0mm)
Ø0.39", 61% Open Area



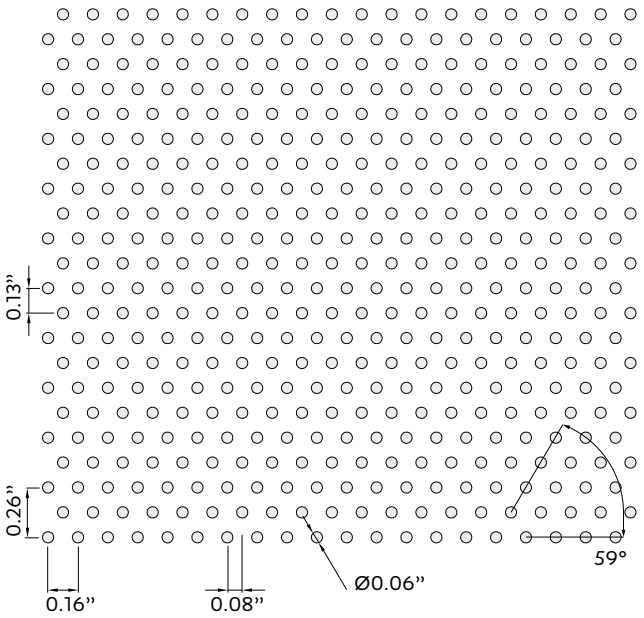
D1505 (Ø1.5mm)
Ø0.06", 5% Open Area



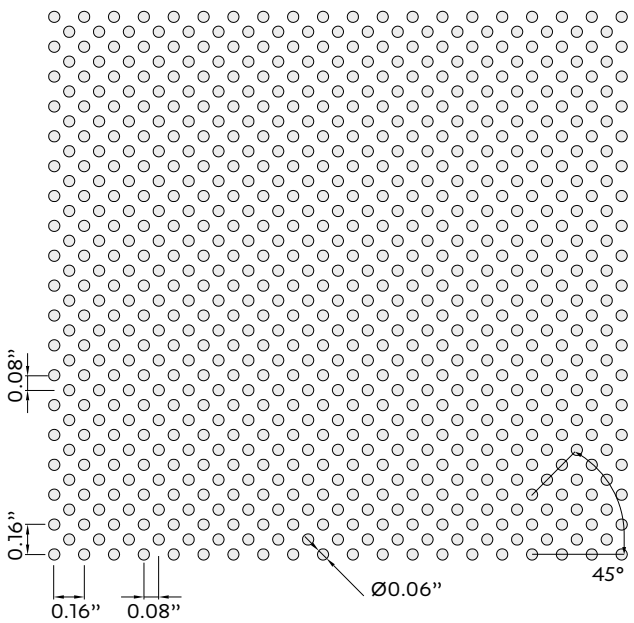
All dimensions are in inches.

Perforations | Overview

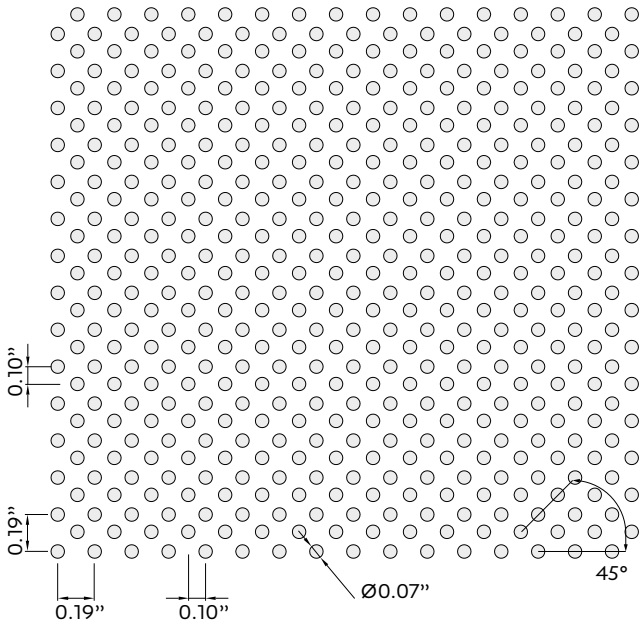
D1513 (Ø1.5mm) *
Ø0.06", 13% Open Area



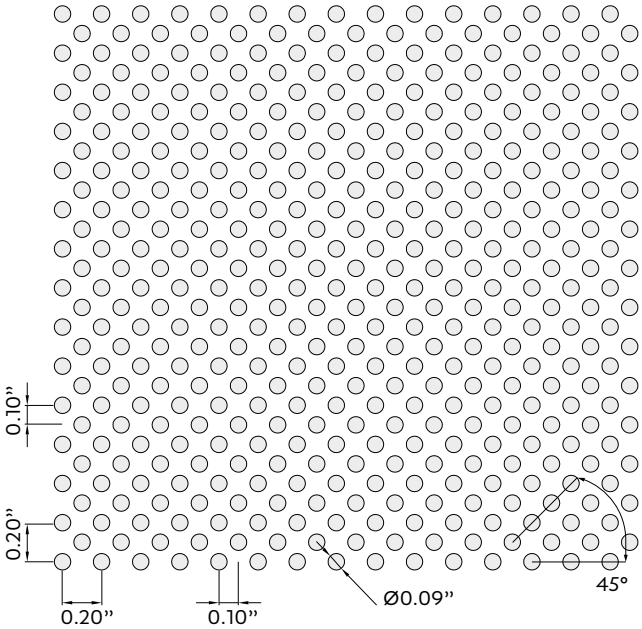
D1522 (Ø1.5mm)
Ø0.06", 22% Open Area



D1821 (Ø1.8mm)
Ø0.07", 21% Open Area



D2227 (Ø2.2mm)
Ø0.09", 27% Open Area

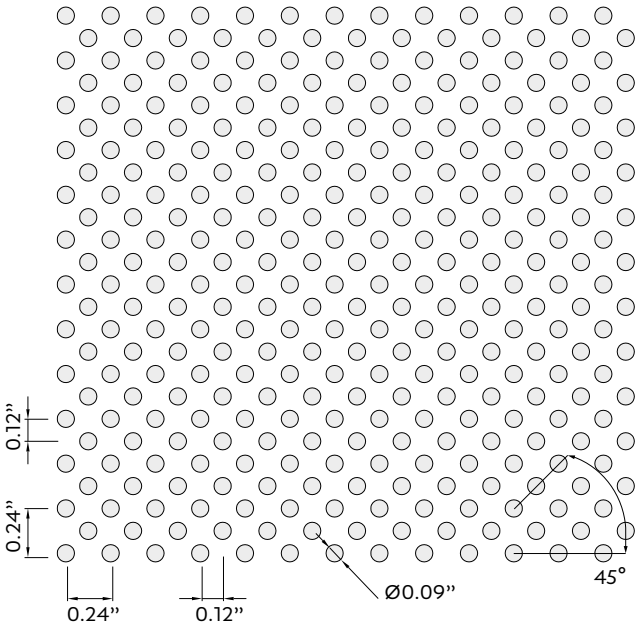


* Perforation appears differently when turned 90°

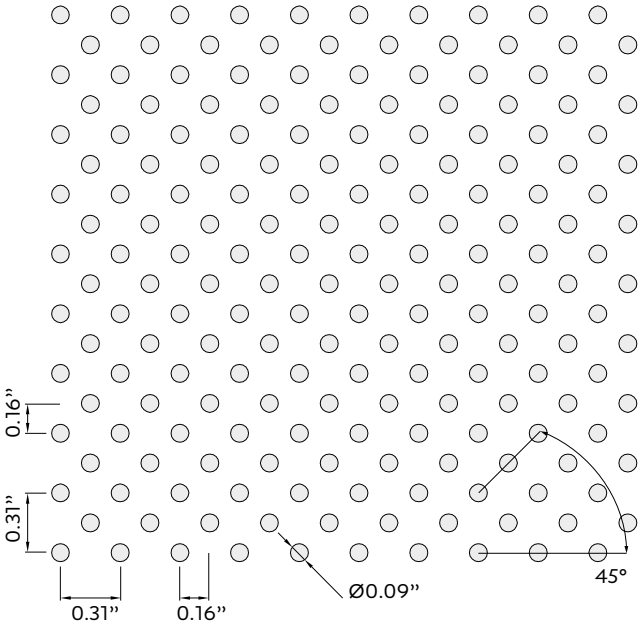
All dimensions are in inches.

Perforations | Overview

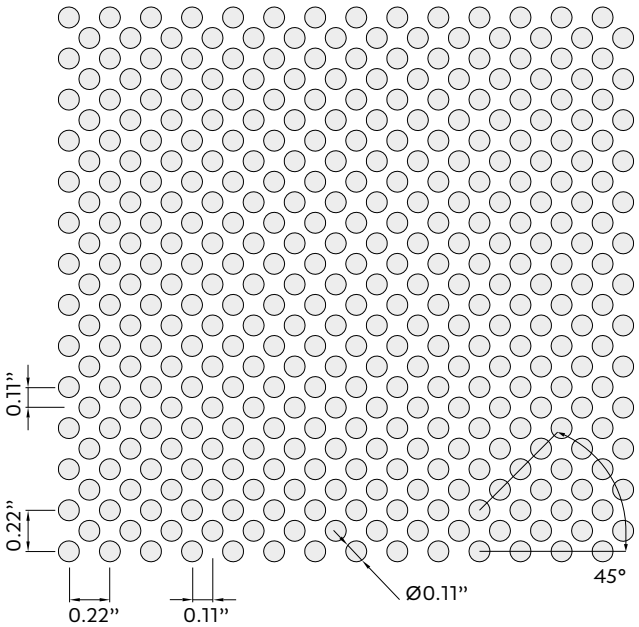
D2324 (Ø2.1/8")
Ø0.09", 24% Open Area



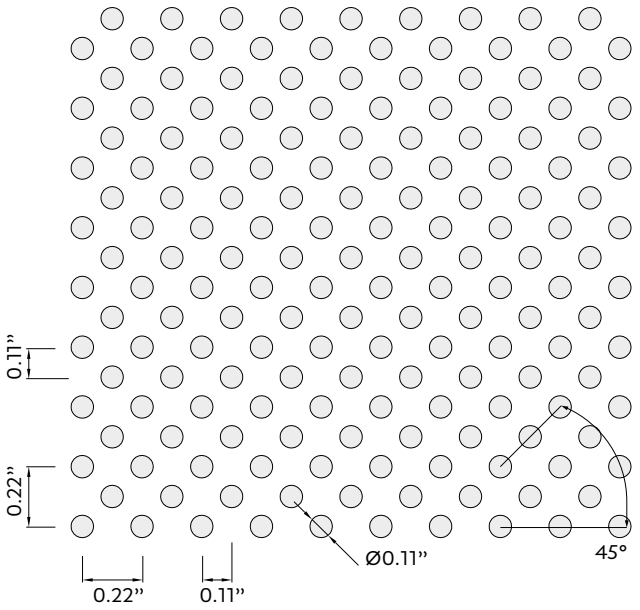
D2414 (Ø2.4mm)
Ø0.09", 14% Open Area



D2841 (Ø2.8mm)
Ø0.11", 41% Open Area



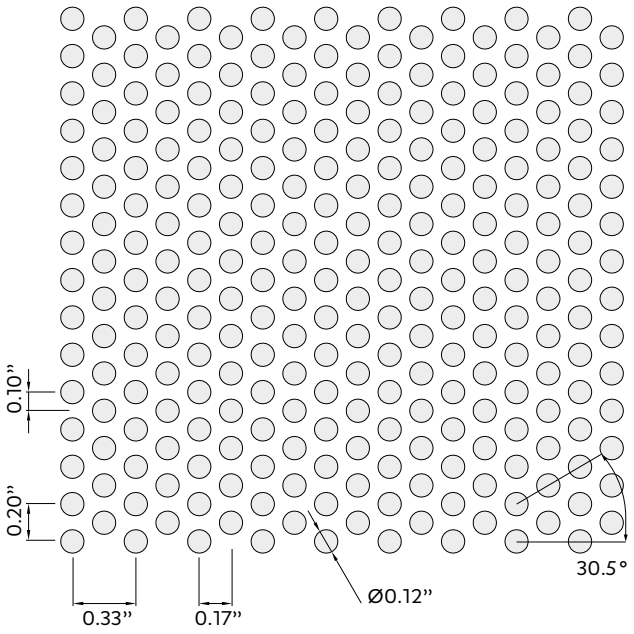
D3022 (Ø3.0mm)
Ø0.12", 22% Open Area



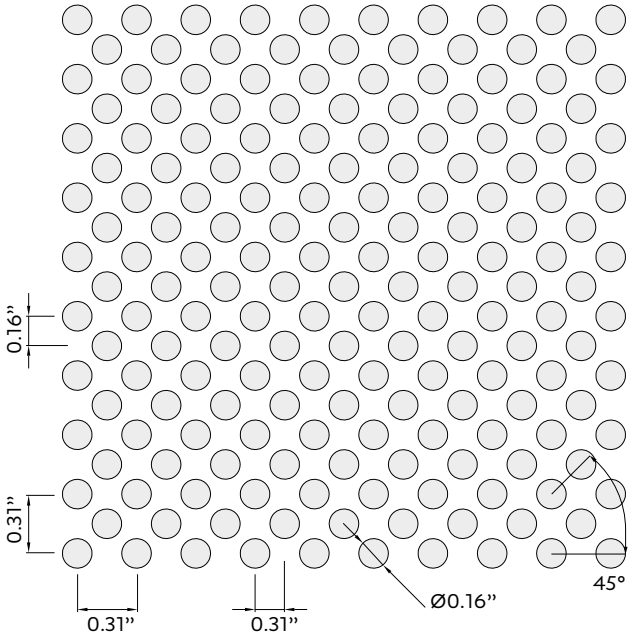
All dimensions are in inches.

Perforations | Overview

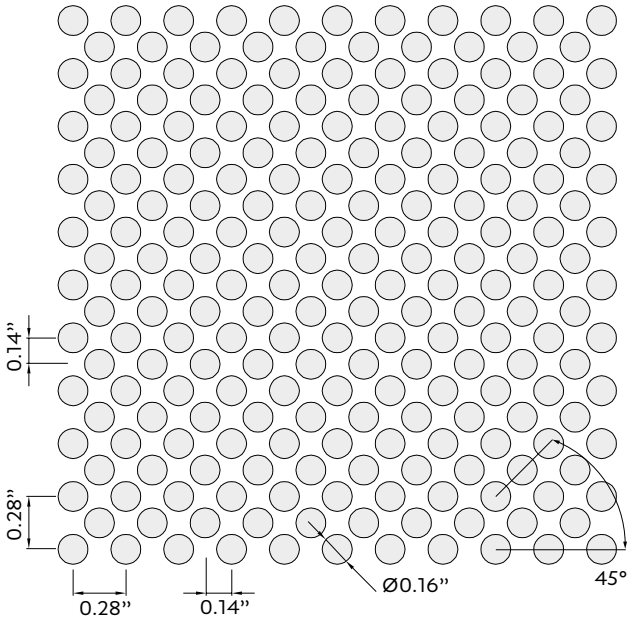
D3136 (Ø3.1mm) *
Ø0.12", 36% Open Area



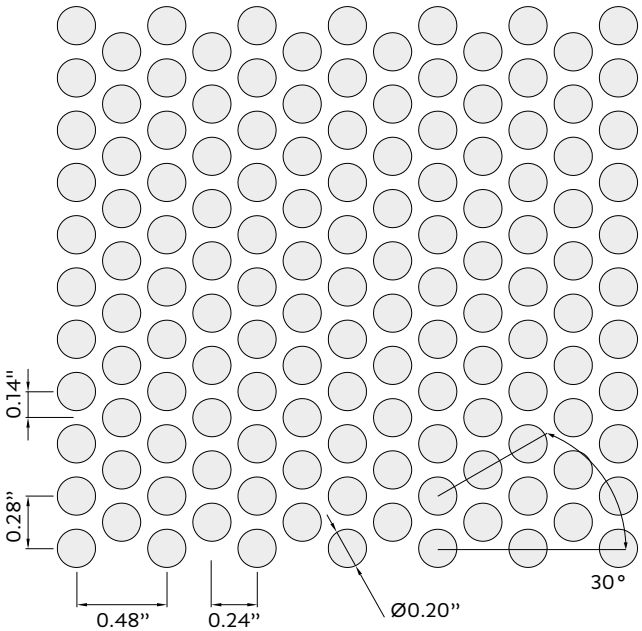
D3939 (Ø3.9mm)
Ø0.16", 39% Open Area



D4050 (Ø0.4mm)
Ø0.16", 50% Open Area



D5149 (Ø5.1mm) *
Ø0.20",, 49% Open Area

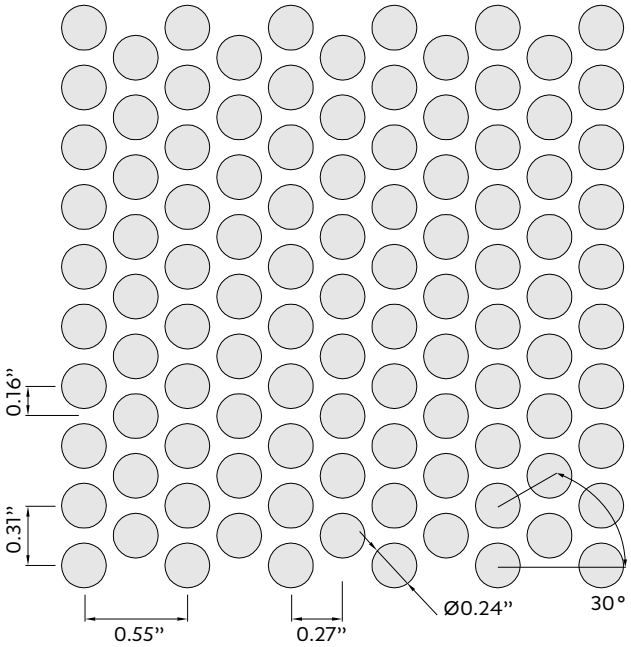


* Perforation appears differently when turned 90°

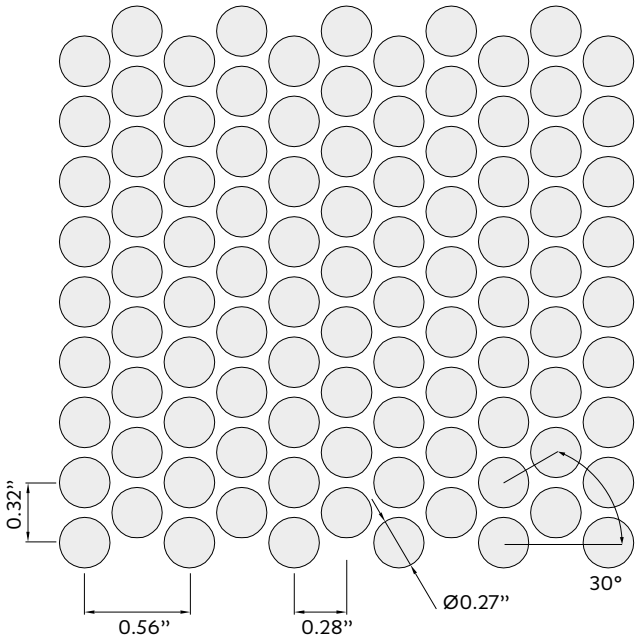
All dimensions are in inches.

Perforations | Overview

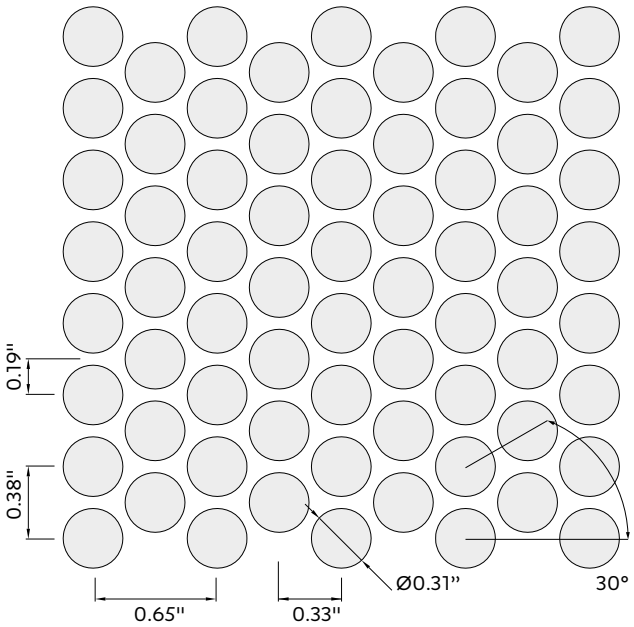
D6051 (Ø6.0mm) *
Ø0.24", 51% Open Area



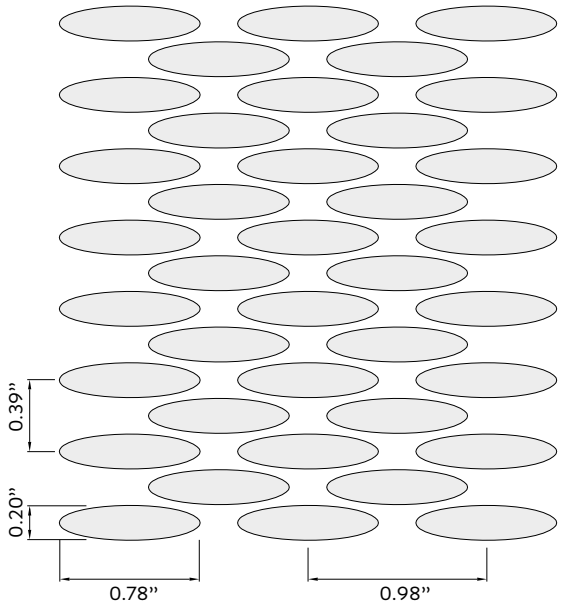
D6863 (Ø6.8mm) *
Ø0.27", 63% Open Area



D8063 (Ø6.1/8") *
Ø0.31", 63% Open Area



EL60 (19.75 x 4.9mm) *
Ø0.78" x Ø0.19", 60% Open Area

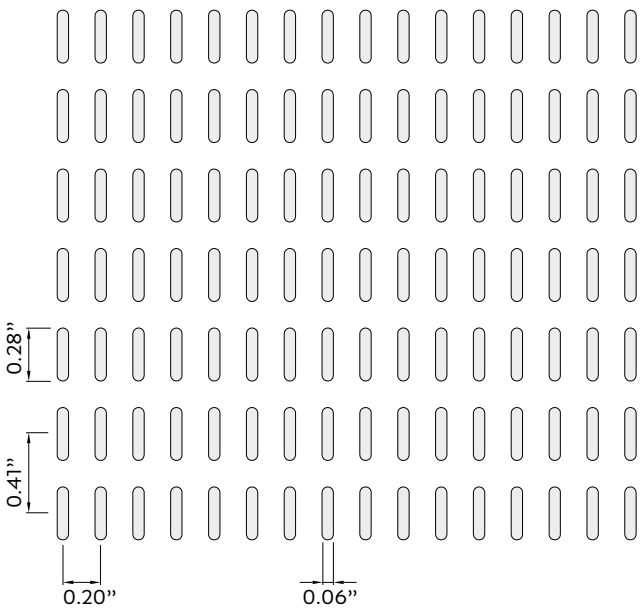


* Perforation appears differently when turned 90°

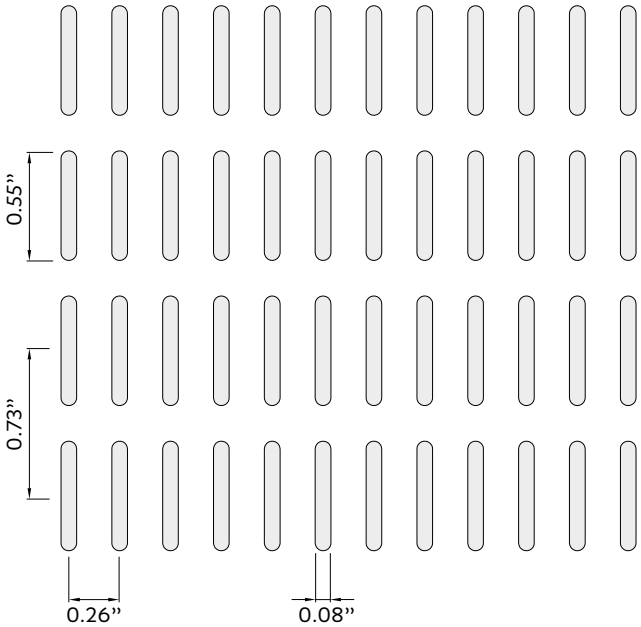
All dimensions are in inches.

Perforations | Overview

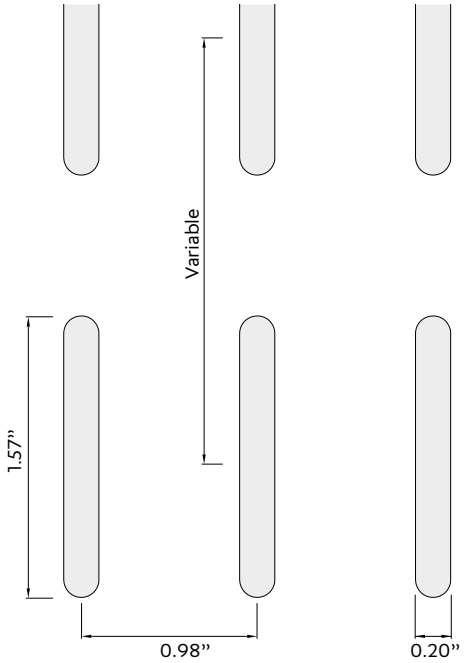
OB19 (1.5 x 7.0mm) *
Ø0.06'' x Ø0.28'' 19% Open Area



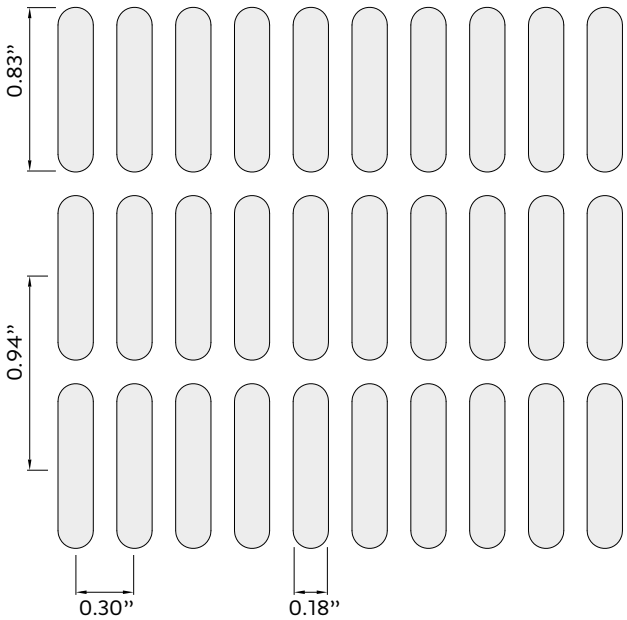
OB23 (2.0 x 14.0mm) *
Ø0.08'' x Ø0.55'', 23% Open Area



OB40 (5 x 40.0mm) *
Ø0.20'' x Ø1.57'', Dependent on pitch



OB50 (4.5 x 21.0mm) *
Ø0.18'' x Ø0.83'', 50% Open Area



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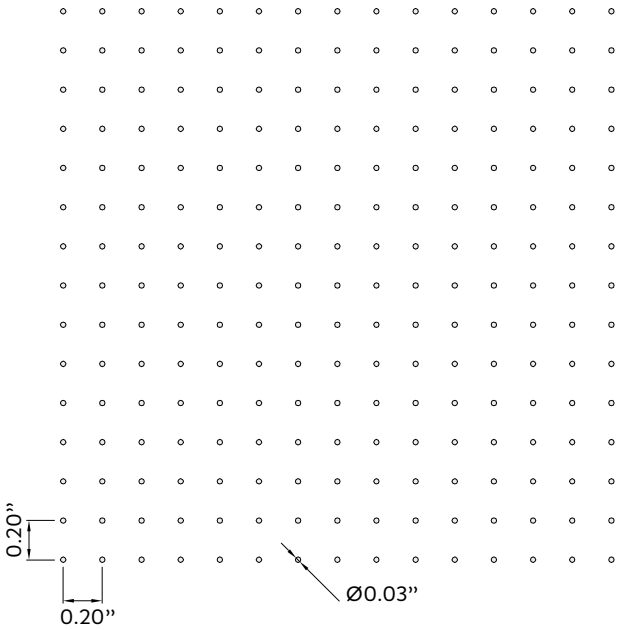
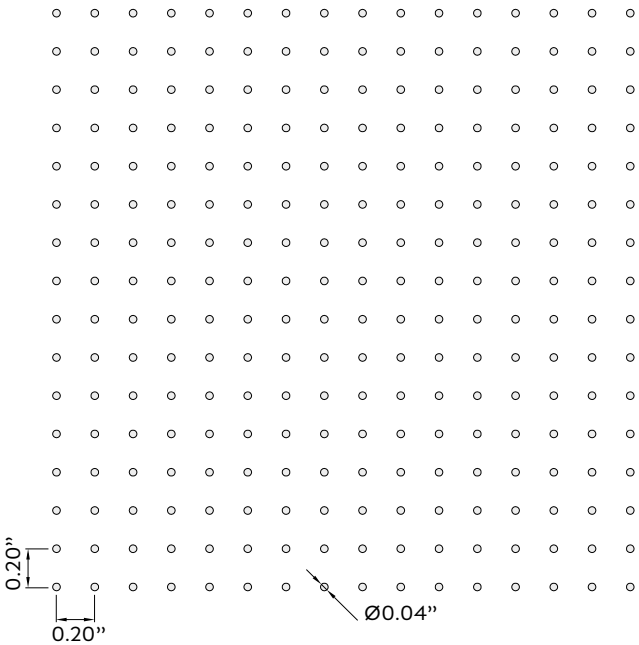
Perforations | Overview

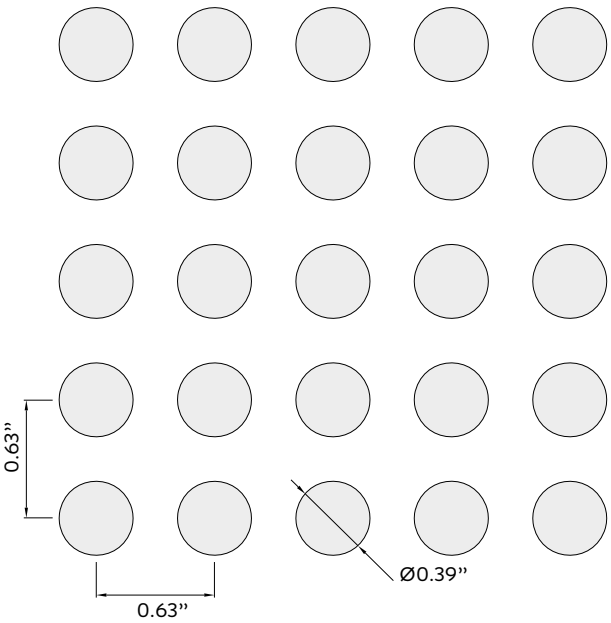
S0702 (Ø1.7mm) Ultramicro
Ø0.03" 2% Open Area



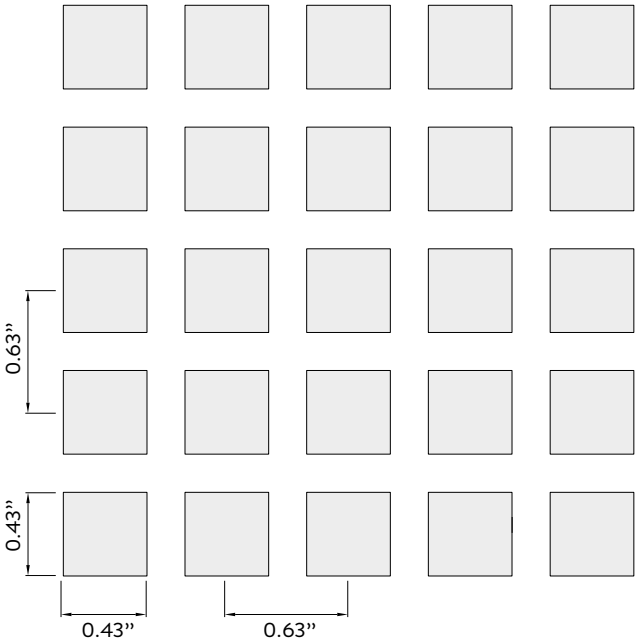
S1003 (Ø1.0mm) Ultramicro
Ø0.04", 3% Open Area



S1030 (Ø1.5mm)
Ø0.39", 30% Open Area



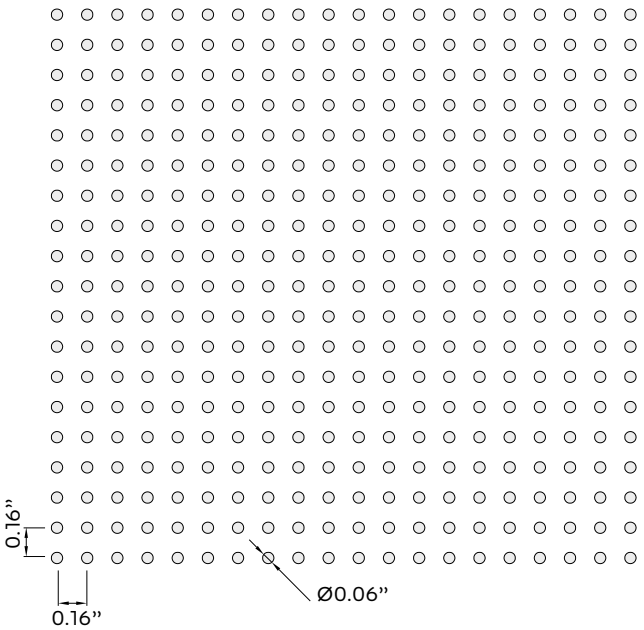
S1147 (Ø1.1mm)
Ø0.43" x Ø0.43", 47% Open Area



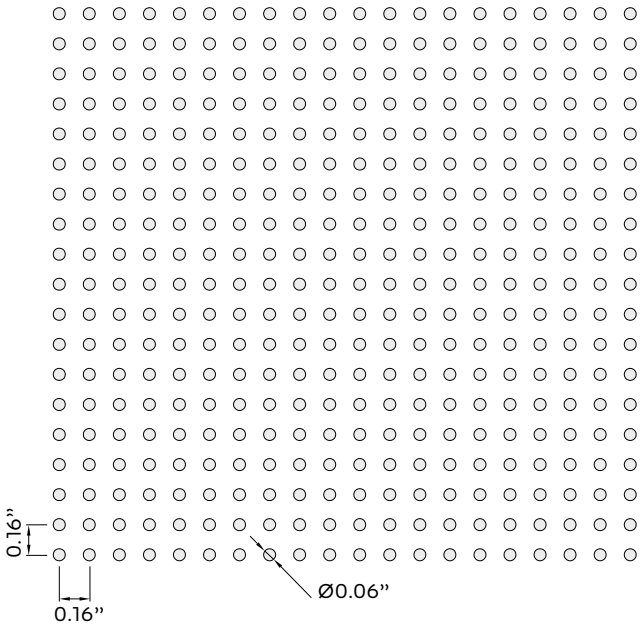
All dimensions are in inches.

Perforations | Overview

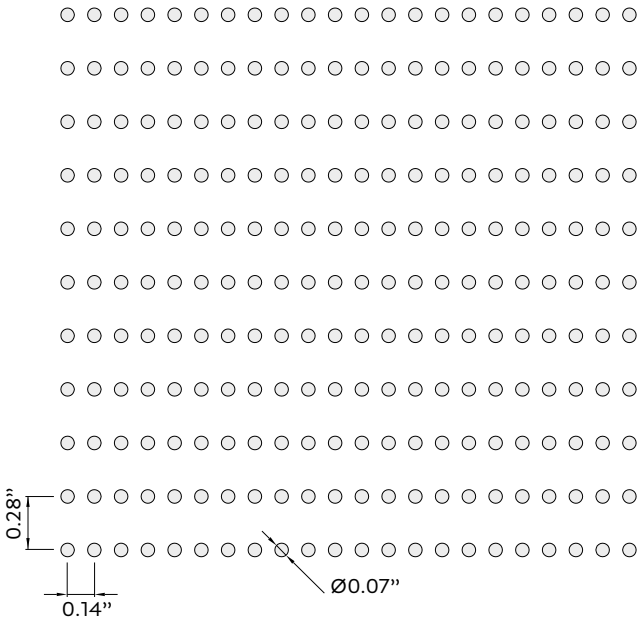
S1511 (Ø1.5mm)
Ø0.06", 11% Open Area



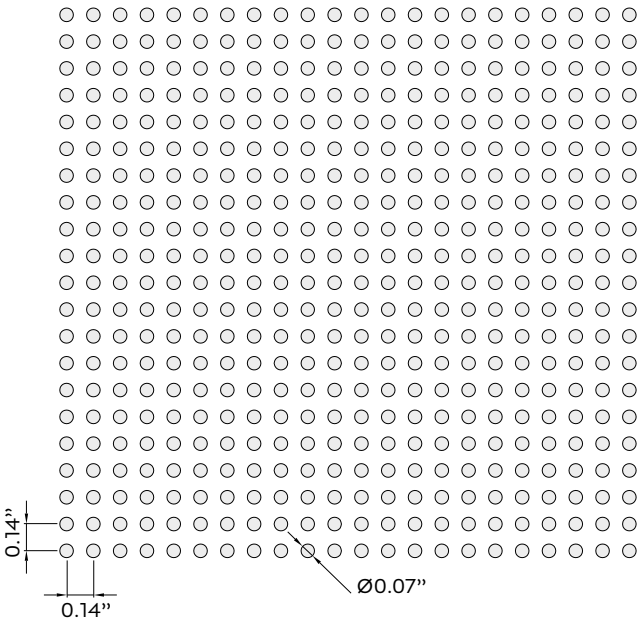
S1612 (Ø1.6mm)
Ø0.06", 12% Open Area



S1810 (Ø1.8mm) *
Ø0.07", 10% Open Area



S1820 (Ø1.8mm)
Ø0.07", 20% Open Area



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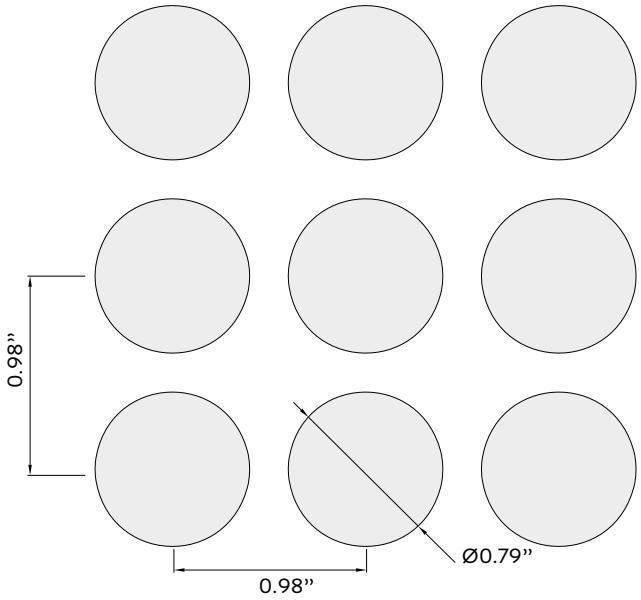
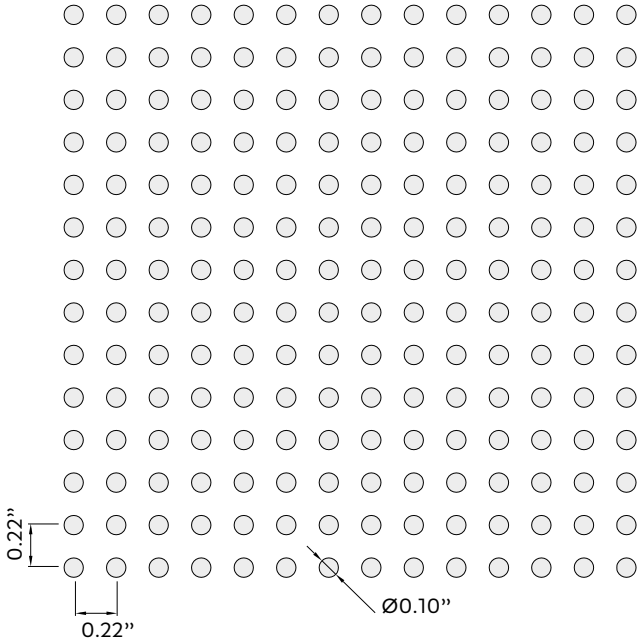
Perforations | Overview

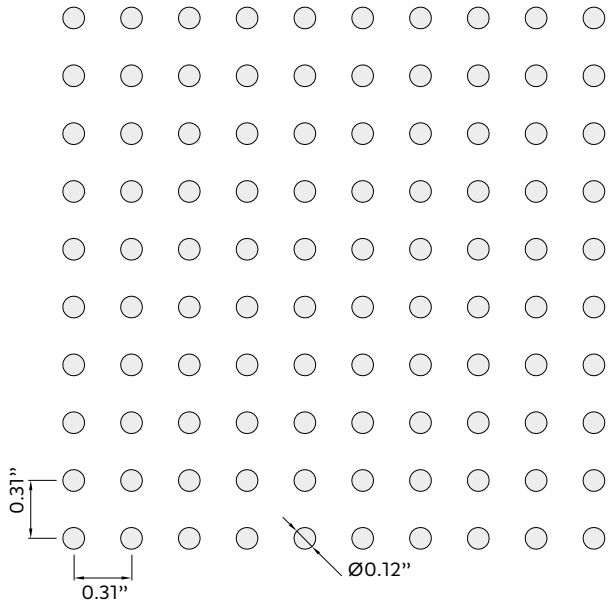
S2051 (Ø13/16")
Ø0.79", 51% Open Area



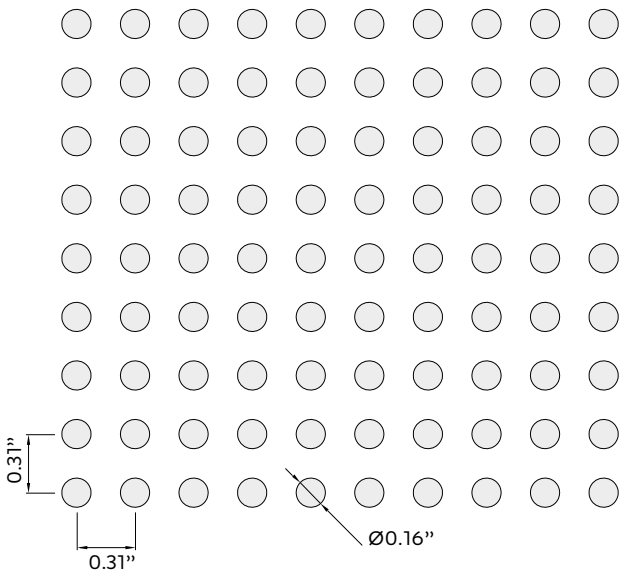
S2516 (Ø2.5mm)
Ø0.10", 16% Open Area



S3011 (Ø3.0mm)
Ø0.12", 11% Open Area



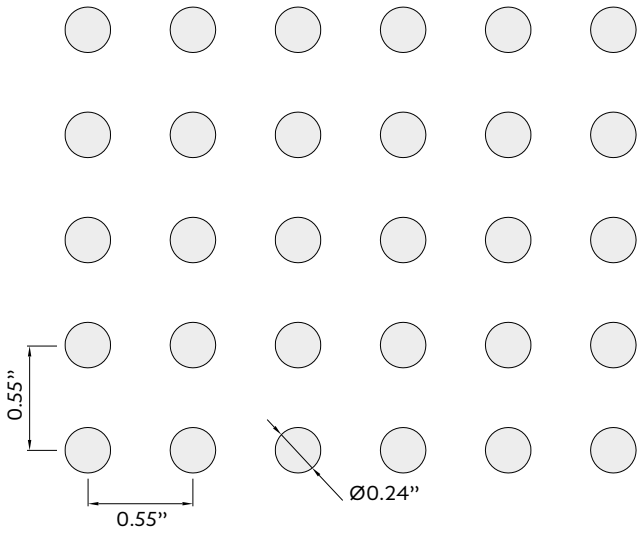
S3920 (Ø3.9mm)
Ø0.16", 20% Open Area



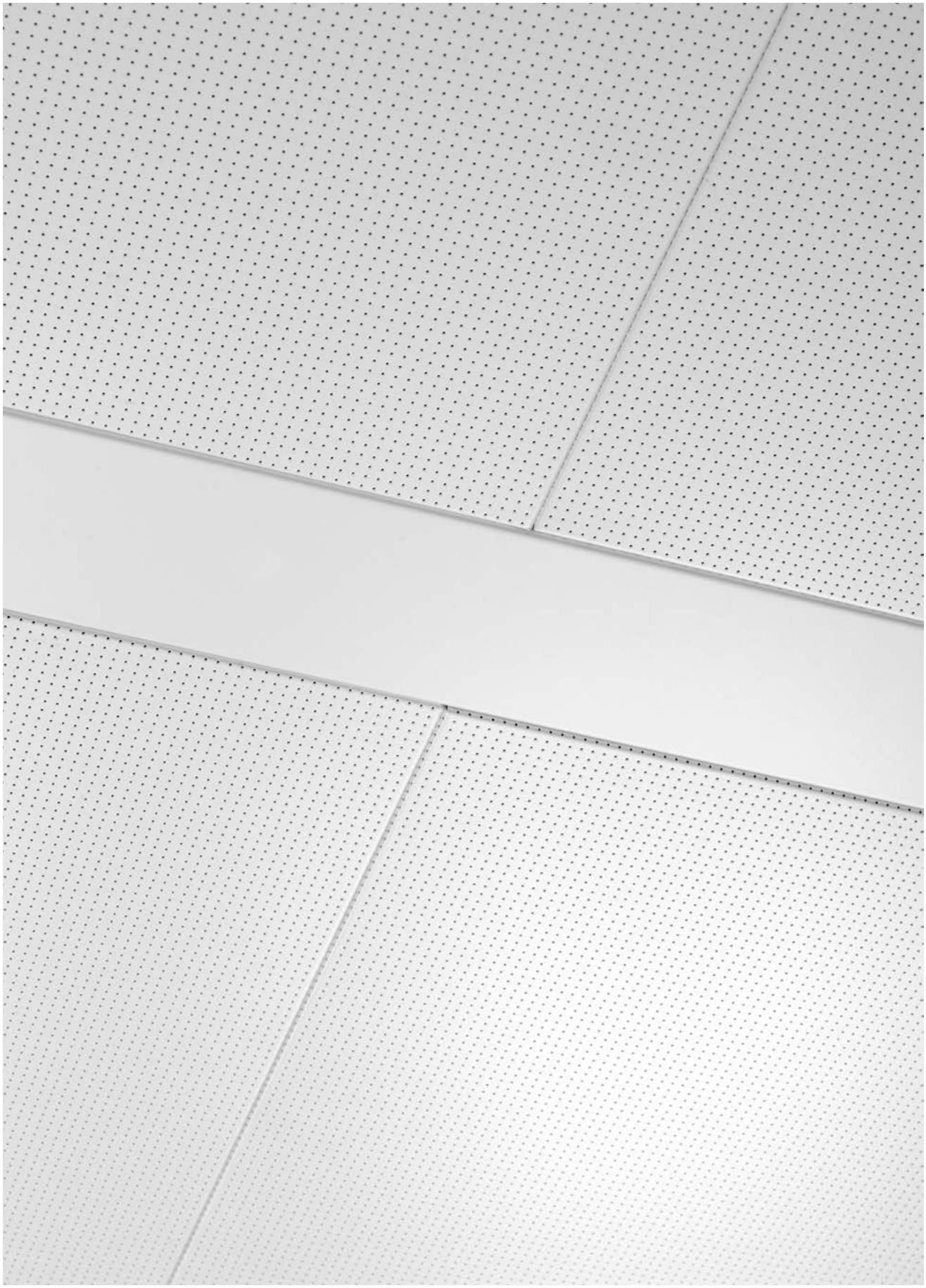
All dimensions are in inches.

Perforations | Overview

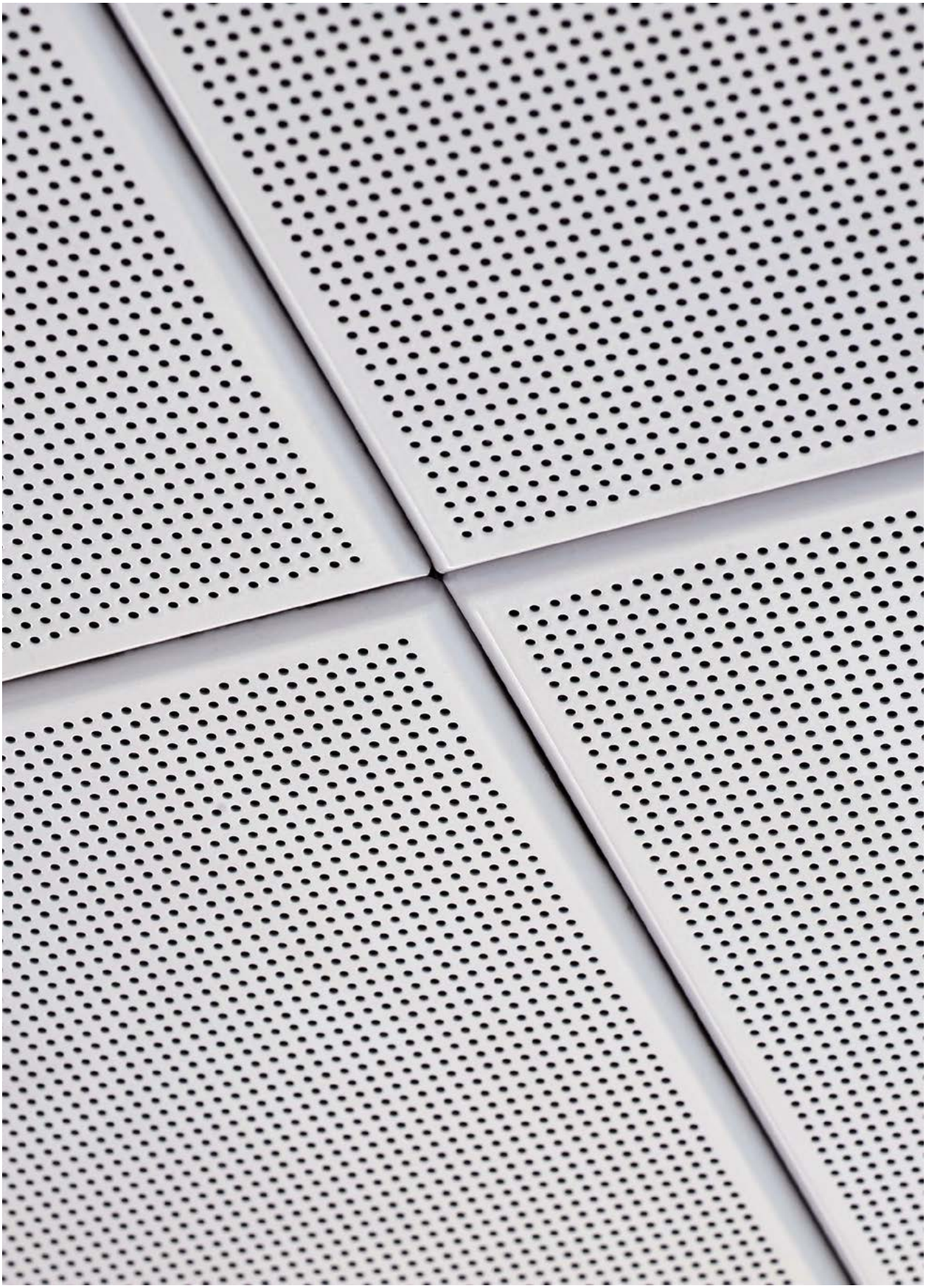
S6015 (Ø6.0mm)
Ø0.24", 15% Open Area



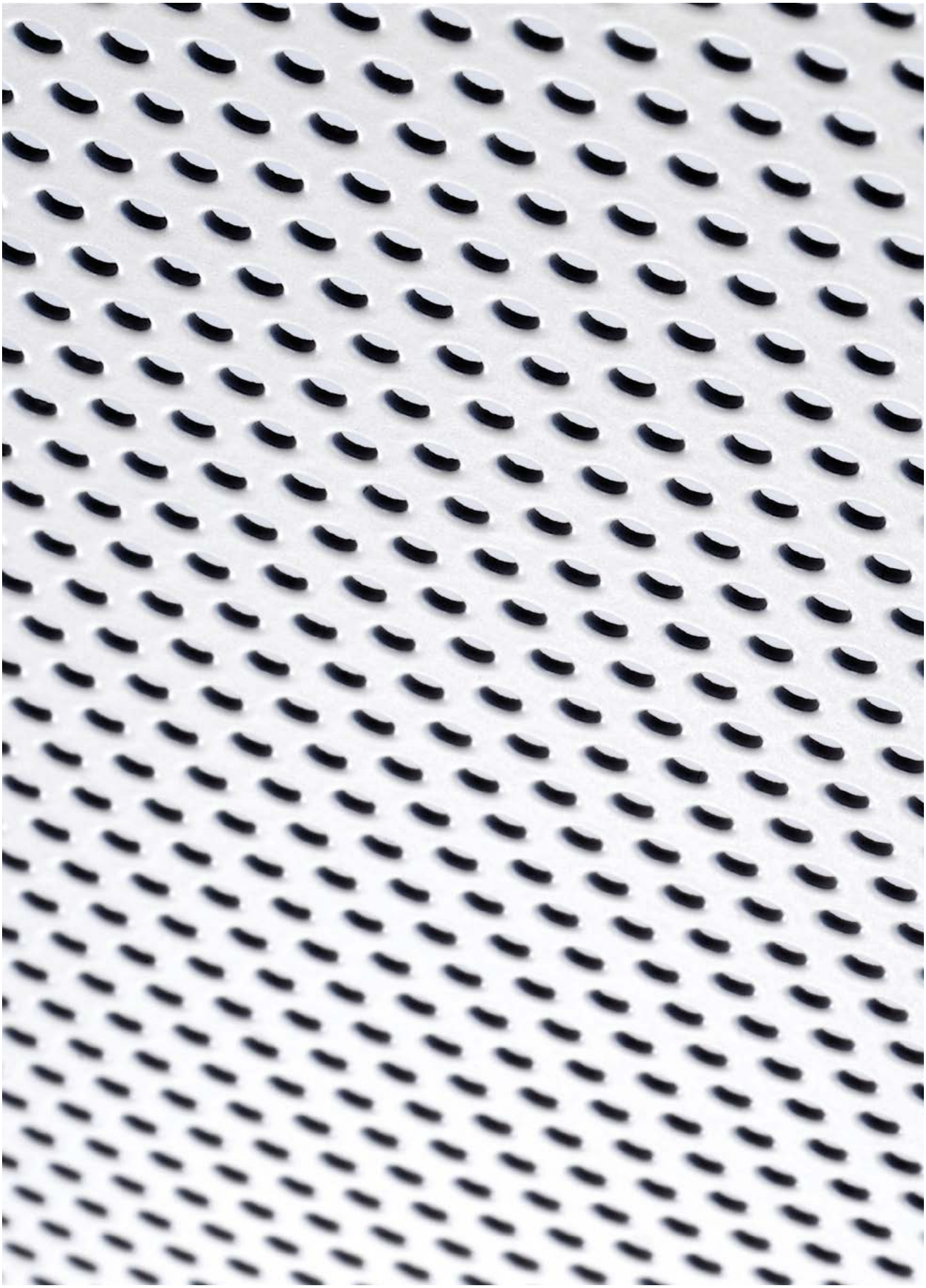
All dimensions are in inches.



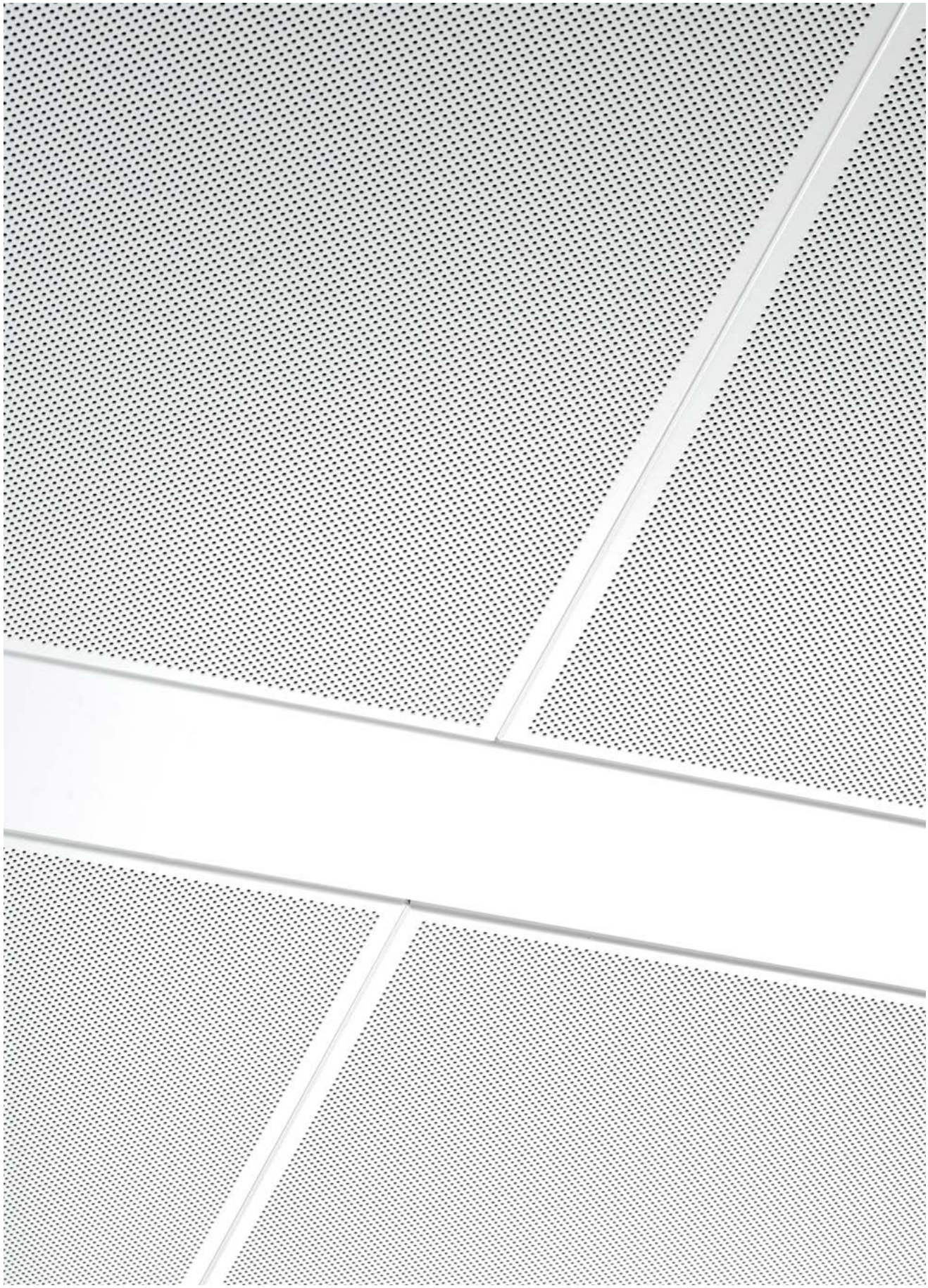
S1003



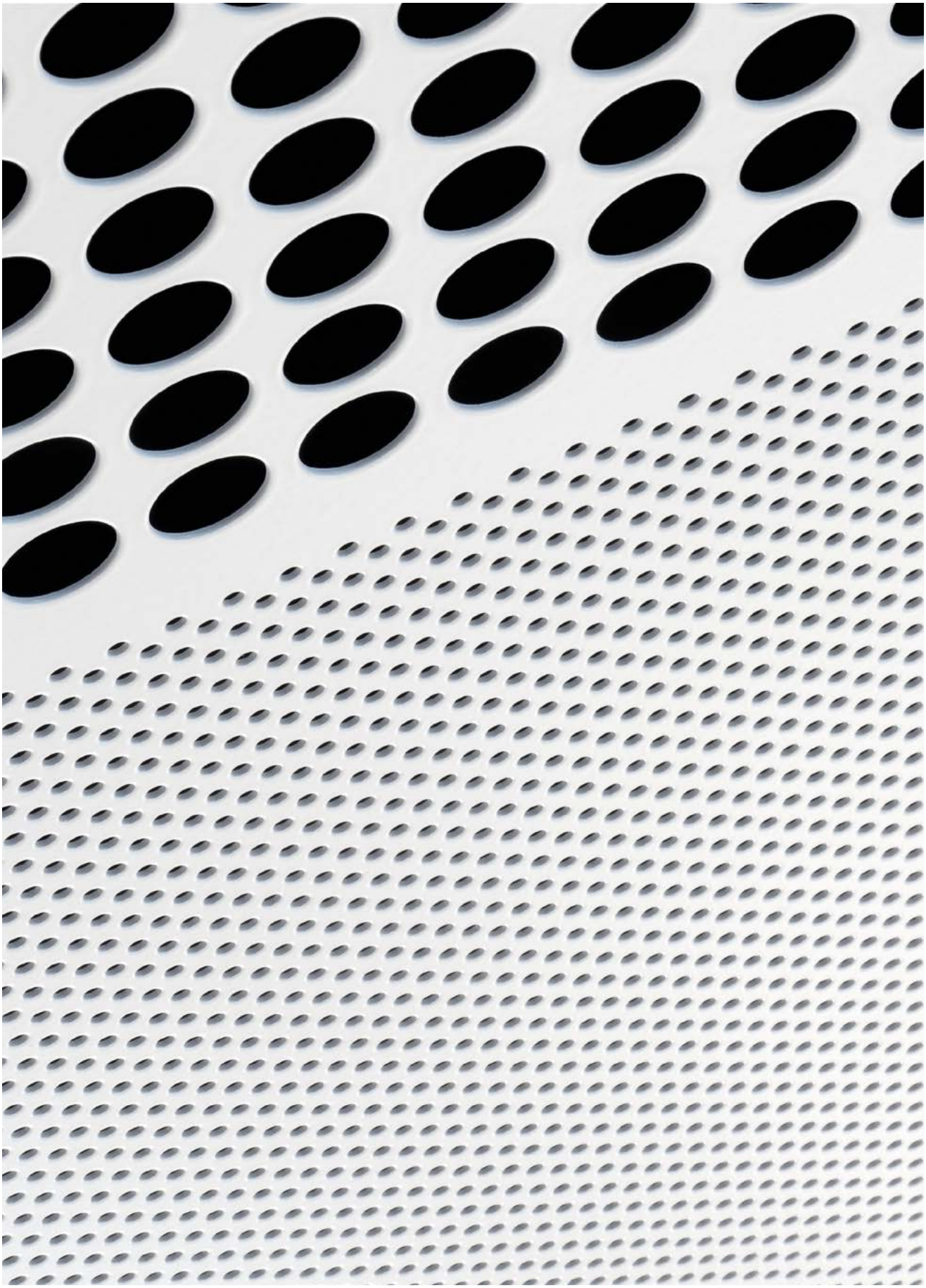
S1511



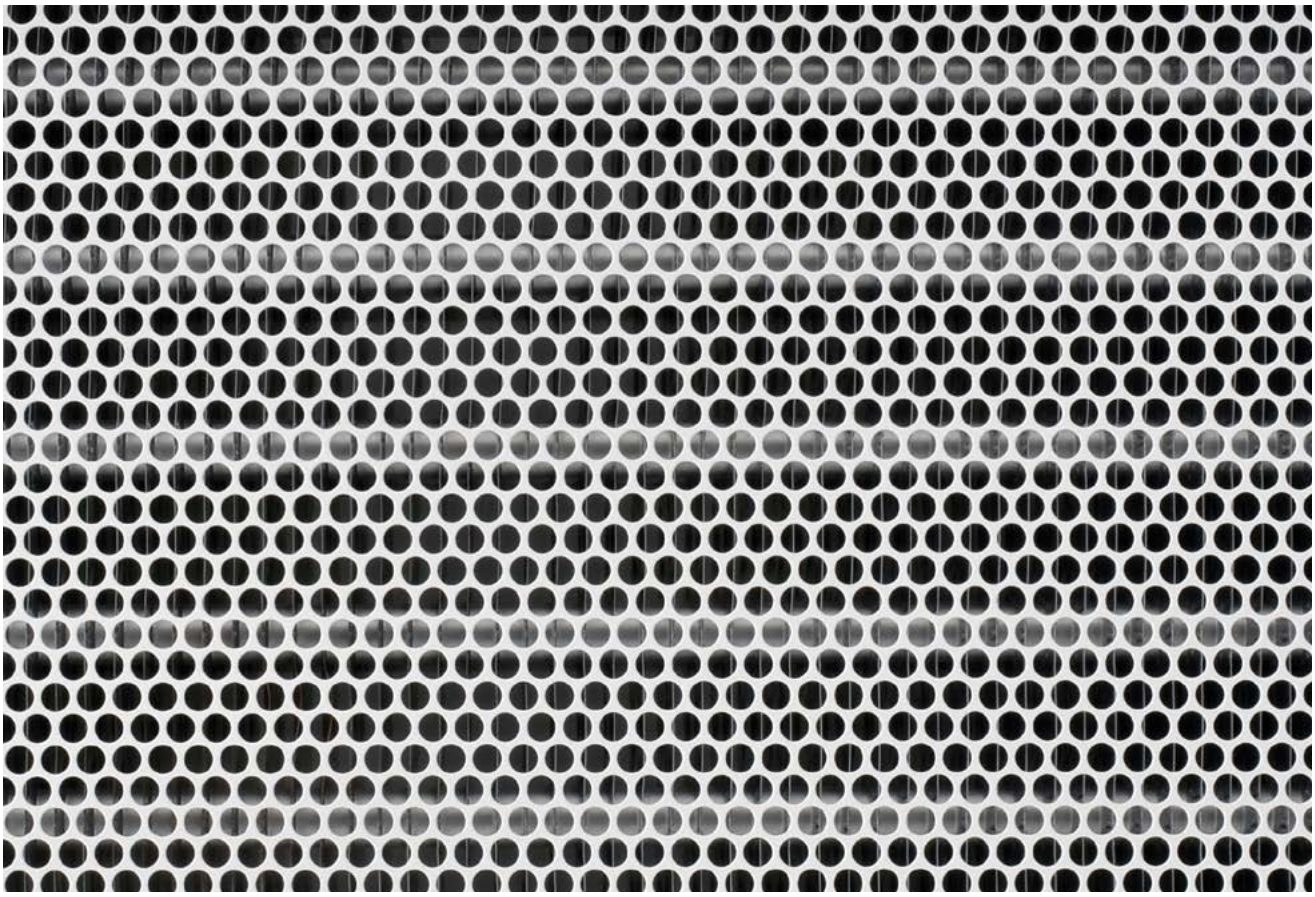
D1513

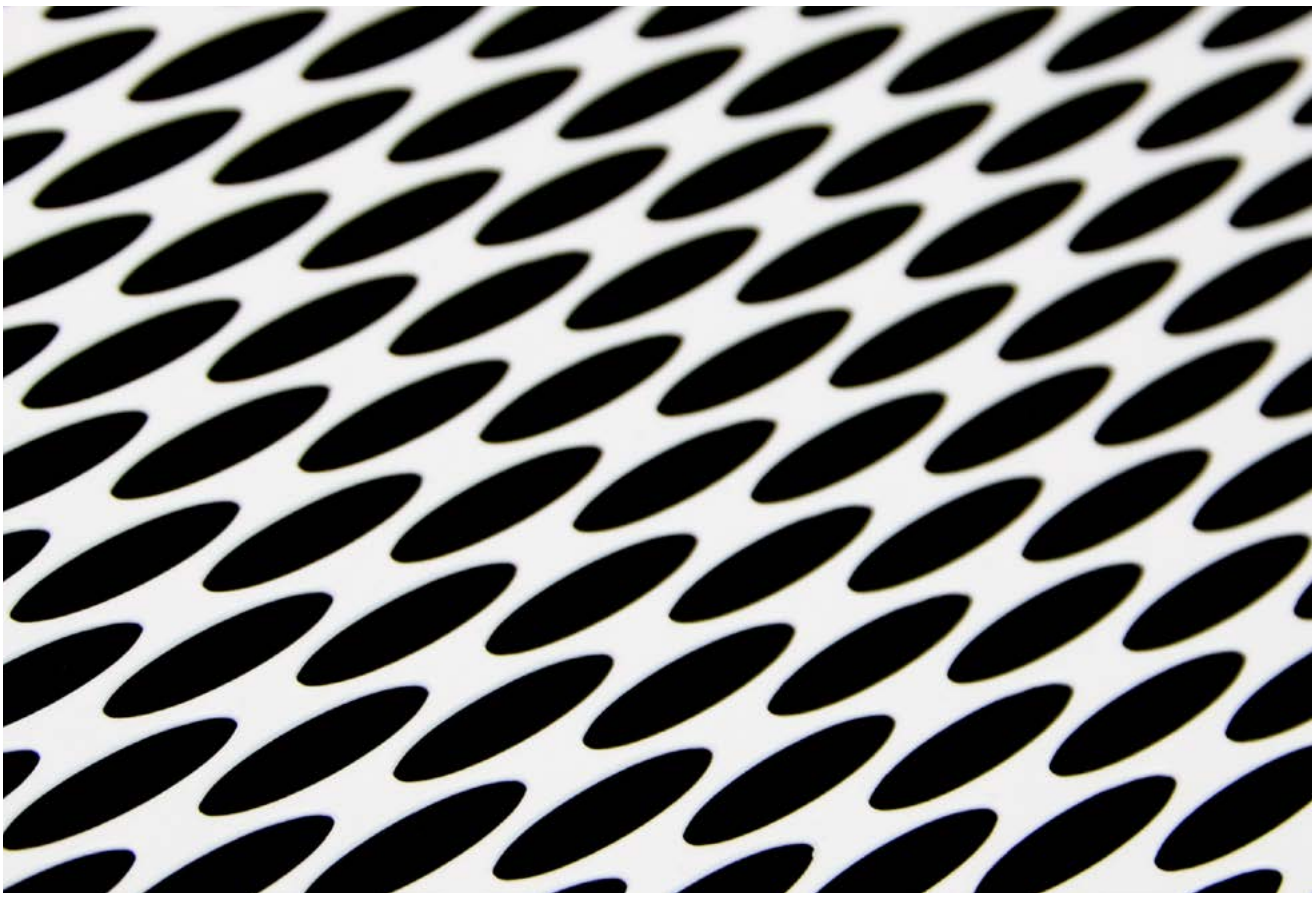


D1522



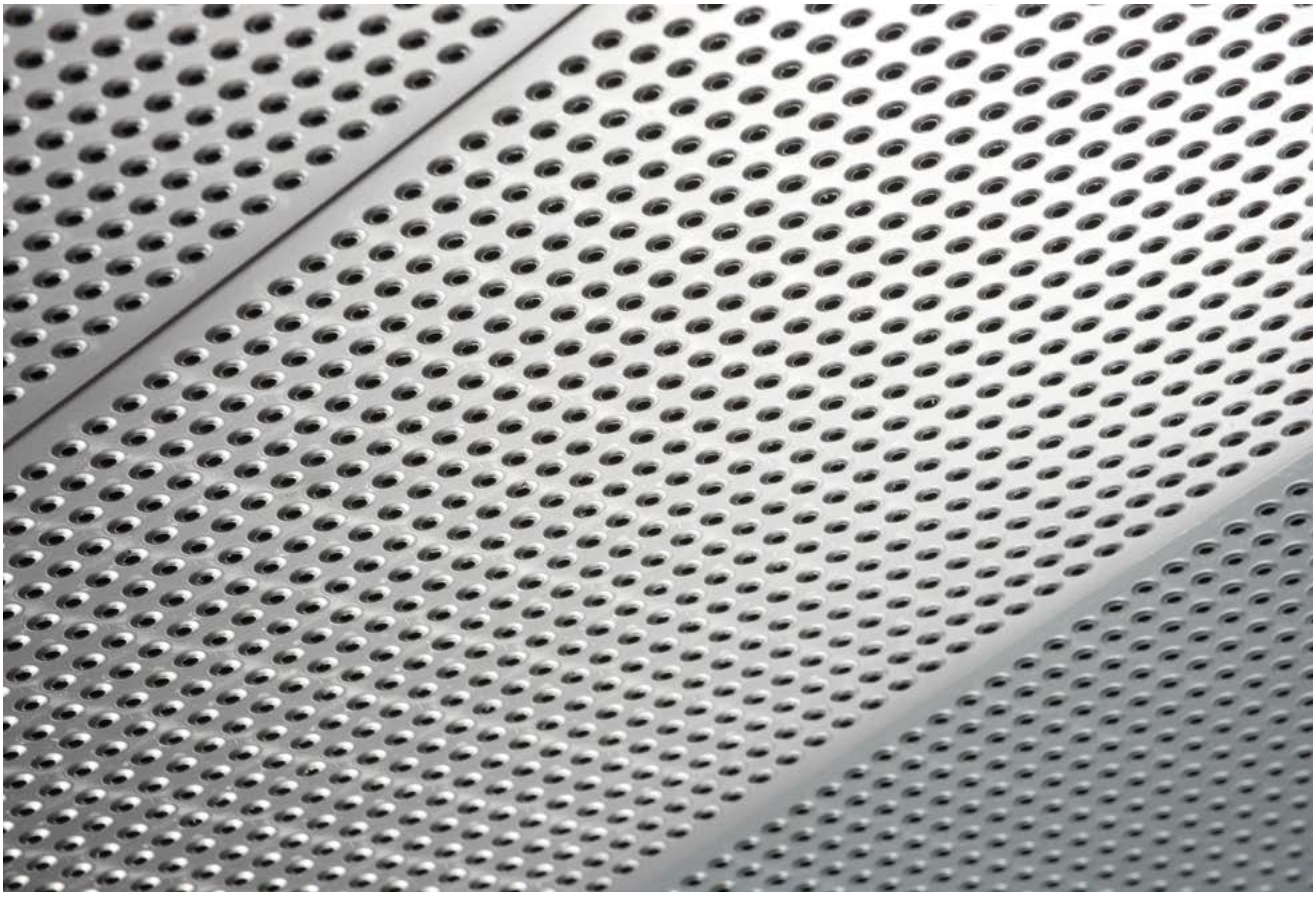
D2324 / S1030

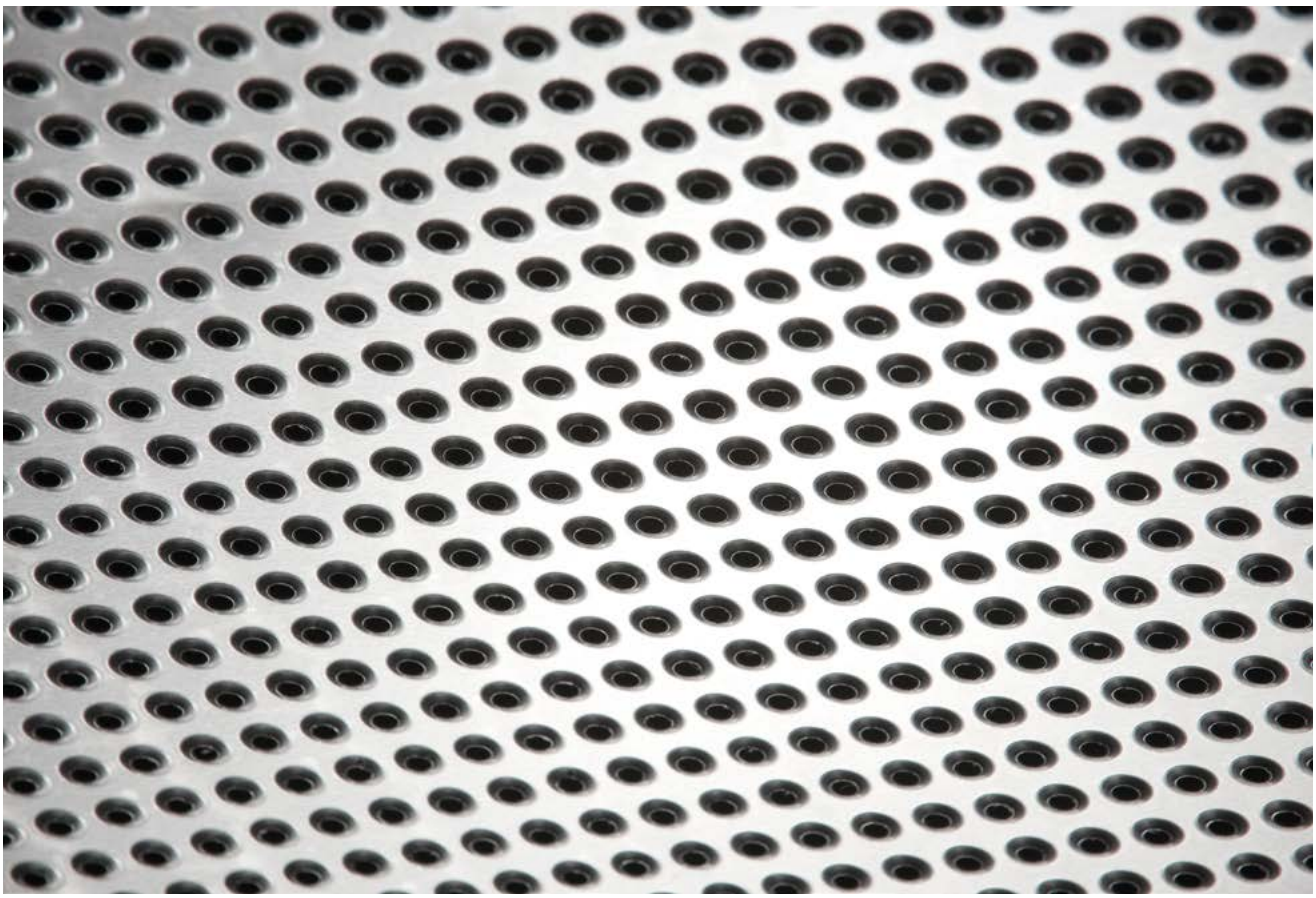




Top
D4050

Bottom
EL60





Fluted perforation (bespoke)