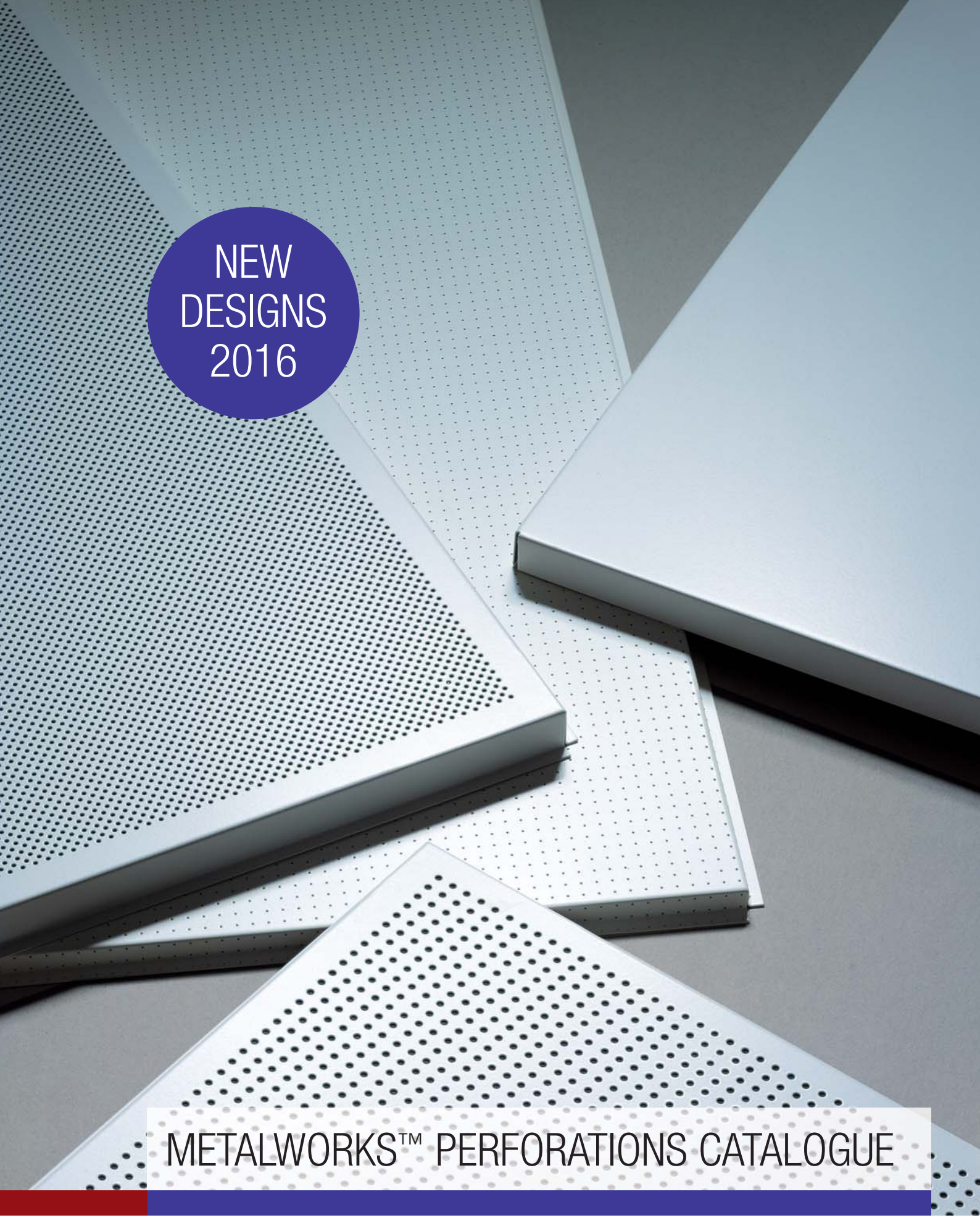


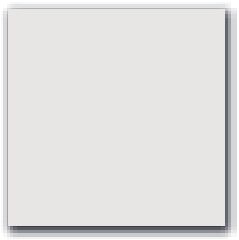
METALWORKS™ PERFORATIONS CATALOGUE

Inspiring Great Spaces™

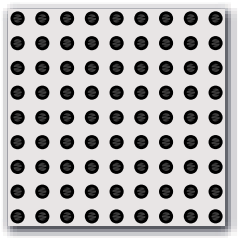
Armstrong®
CEILING SOLUTIONS

METALWORKS™ PERFORATIONS

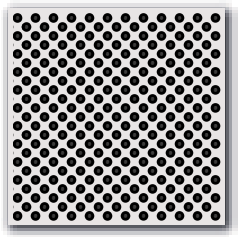
Standard perforation patterns



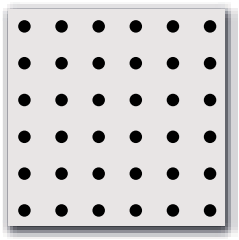
M1 Plain Non Perforated



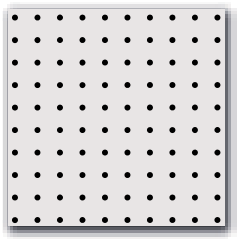
M10 Perforated
Hole diameter: 2.5mm
Open area: 16%



M2 Micro Perforated
Hole diameter: 1.5mm
Open area: 19%



M9 Straight Micro Perforated
Hole diameter: 1.5mm
Open area: 9.6%



M3 Extra Micro Perforated
Hole diameter: 0.7mm
Open area: 1.5%

Acoustical solutions

Acoustic Fleece
For most general open plan areas, non-woven acoustic fleece provides a good level of absorbent performance. The acoustic fleece fitted to Armstrong metal ceiling tiles is heat bonded to the rear of the tile and optimises flow resistance characteristics for the best absorption results.

Premuim B15
Specifically developed by our mineral ceilings division for use with the Armstrong metal tiles, Premium B 15 is an infill material that blends high sound attenuation and absorption performance in one simple infill solution.

Typical sound absorbtion values	NRC
M10 Perforated with acoustic fleece	0.80
M10 Perforated with Premium B15	0.60
M2 Micro Perforated with acoustic fleece	0.70
M2 Micro Perforated with Premium B15	0.60
M3 Extra Micro Perforated with acoustic fleece	0.65
M3 Extra Micro Perforated with Premium B15	0.60

Typical sound attenuation values	Dncw with Acoustic Fleece	Dncw with Premium B15
M10 Perforated	18 dB	41 dB
M2 Micro Perforated	16 dB	41 dB
M3 Extra Micro Perforated	21 dB	40 dB

Colour

Powder Coat Colours
Electro-statically applied and oven cured, powder coat finishes have a greater film thickness than wet paint applications or products manufactured from pre-painted steel coil, and give a more durable and impact resistant surface. Powder coat finishes are UV stable, do not support micro-biological growth and are easily cleaned.

Standard colours

Global White

Satin White

Special colours

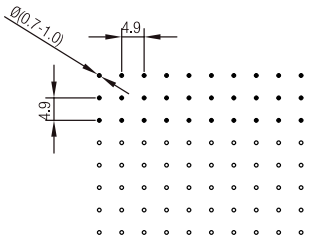
It is recommended that colours are selected from the Interpon or Dulux range

Light Reflectance

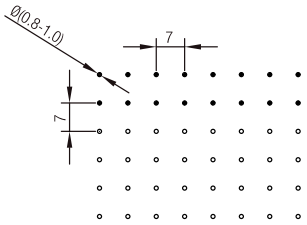
Pattern	Satin White	Global White
M1 Plain Non Perforated	85%	75%
M3 Extra Micro Perforated with black acoustic fleece	80%	70%
M10 Perforated with black acoustic fleece	70%	65%
M2 Micro Perforated with black acoustic fleece	65%	60%

Measured in accordance with EN ISO 7742-2 & EN ISO 7742-3.

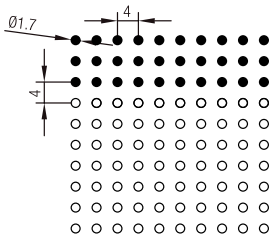
METALWORKS™ PERFORATION PATTERNS



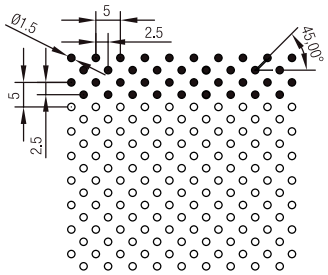
Rg0702 | Open Area 2.00%



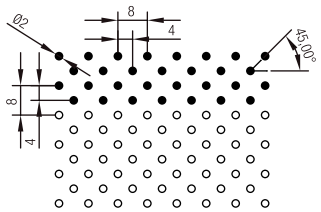
Rg0801 | Open Area 1.60%



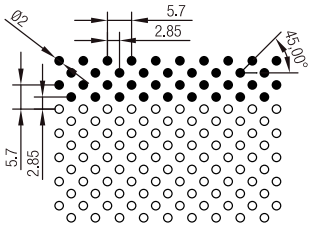
Rg1714 | Open Area 14.00%



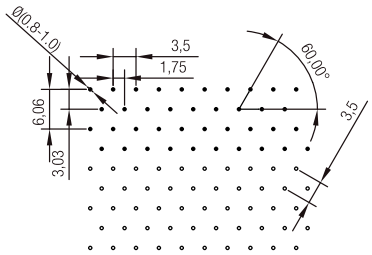
Rd1514 | Open Area 14.20%



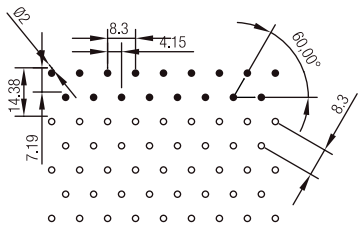
Rd2010 | Open Area 9.90%



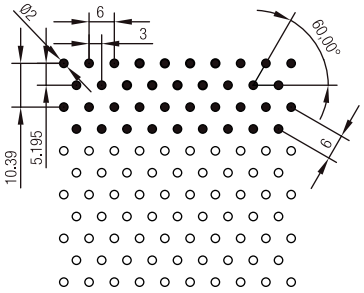
Rd2019 | Open Area 19.40%



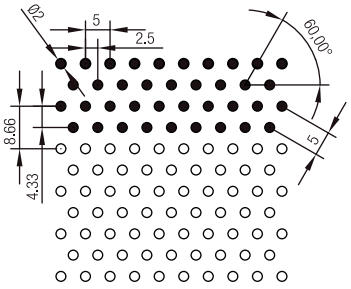
Rv0807 | Open Area 7.00%



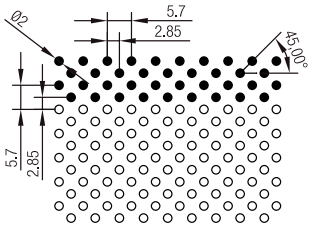
Rv2005 | Open Area 5.30%



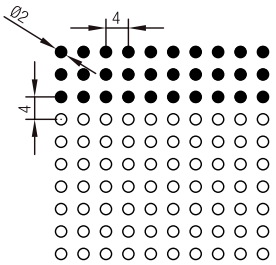
Rv2010 | Open Area 10.00%



Rv2015 | Open Area 14.50%



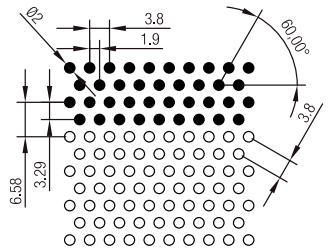
Rd2019 | Open Area 19.40%



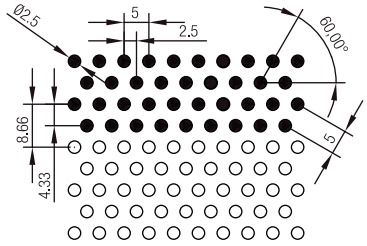
Rg2020 | Open Area 19.60%

See Table on Page 6 for Perforation Code Rule.

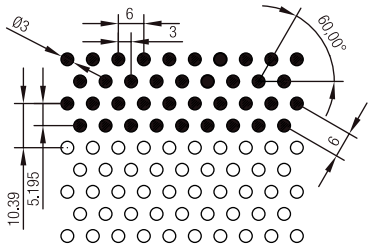
METALWORKS™ PERFORATION PATTERNS



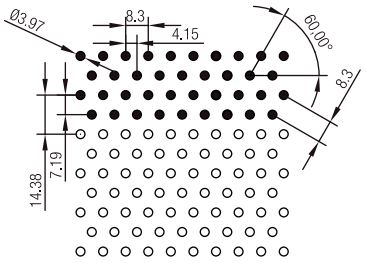
Rv2025 | Open Area 25.10%



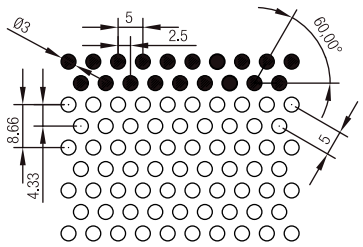
Rv2523 | Open Area 22.70%



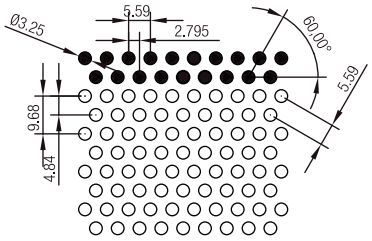
Rv3023 | Open Area 22.70%



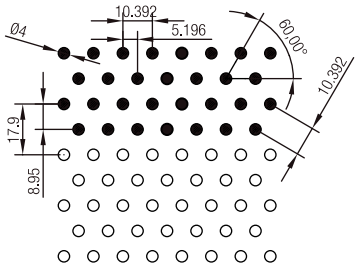
Rv3921 | Open Area 20.80%



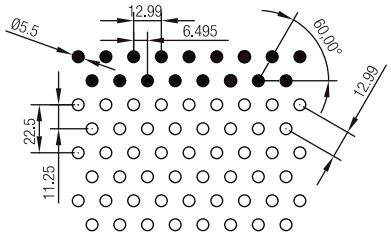
Rv3033 | Open Area 32.70%



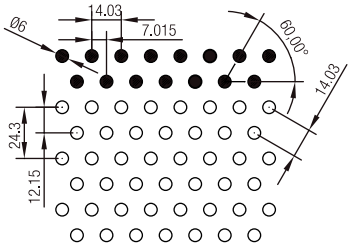
Rv3231 | Open Area 30.70%



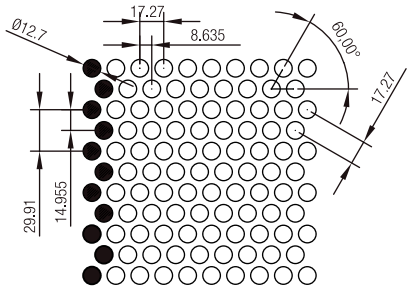
Rv4013 | Open Area 13.40%



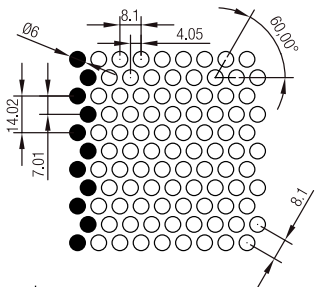
Rv5516 | Open Area 16.30%



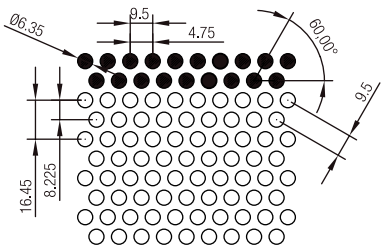
Rv6017 | Open Area 16.60%



Rv1249 | Open Area 49.00%



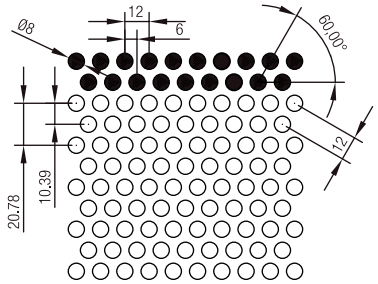
Rv6050 | Open Area 49.80%



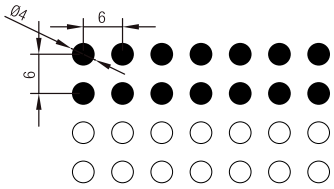
Rv6340 | Open Area 40.50%

See Table on Page 6 for Perforation Code Rule.

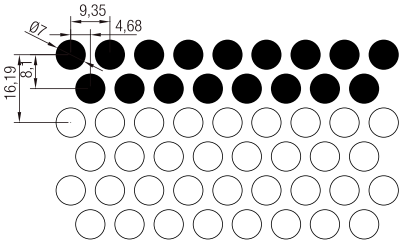
METALWORKS™ PERFORATION PATTERNS



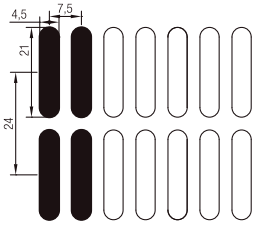
Rv8040 | Open Area 40.30%



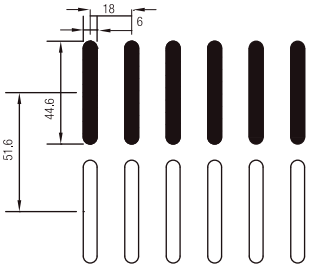
Rg4035 | Open Area 34.90%



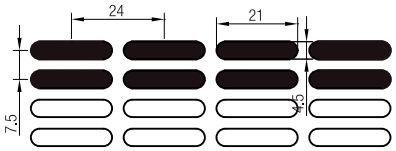
Rv7051 | Open Area 50.80%



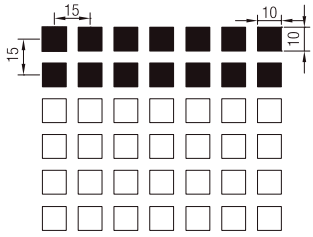
Lg05050 | Open Area 50.00%



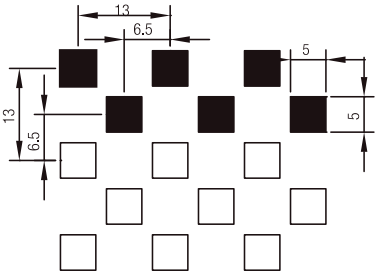
Lg06028 | Open Area 28.00%



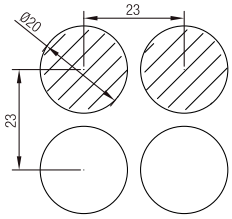
Lg21050 | Open Area 50.00%



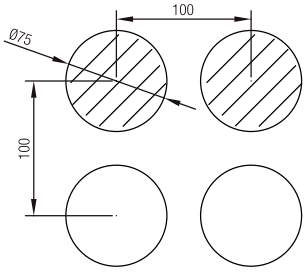
Qg1044 | Open Area 44.40%



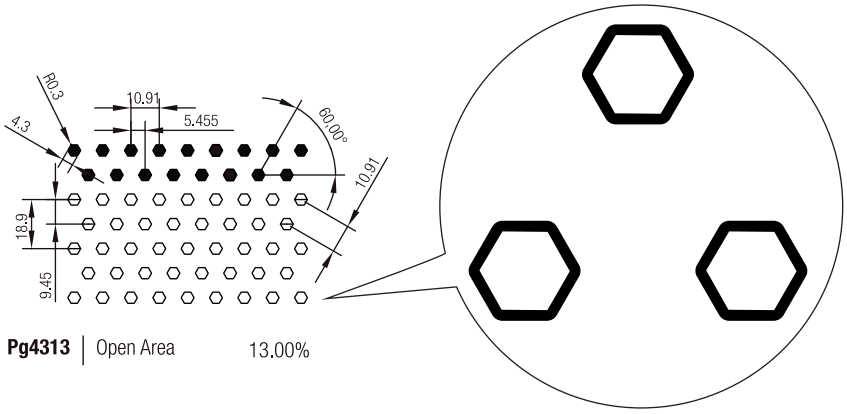
Qv5029 | Open Area 29.60%



Rg2053 | Open Area 52.90%



Rg7544 | Open Area 45.00%



Pg4313 | Open Area 13.00%

See Table on Page 6 for Perforation Code Rule.

METALWORKS™ PERFORATIONS

Perforation Coding Rule

R	– d	– 20	– 19
Hole	Pattern	Dia of hole (mm)	Open area %
R: round	g: straight	2=20	19.4=19
Q: square	d: staggered (45 degree Angle)	0.7=07	50.8=51
L: oval	v: staggered (60 degree Angle)	2.5=25	(Rounding principle
P: hexagon		3.25=32 ℄ 4.5X21=21	

Contacts

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