

X-OPEN AREA PUNCHING

"Pushing the Boundaries of Maximum Open Area" Key Benefits:

Extended Lifespan

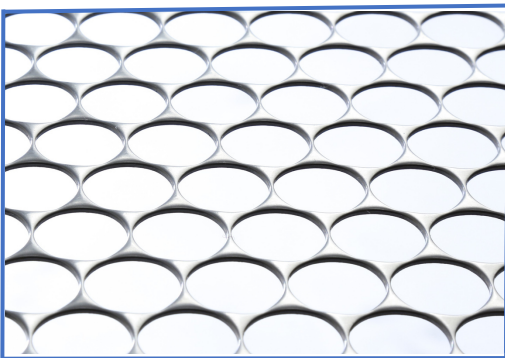
Enhanced Durability

Significant Weight Reduction

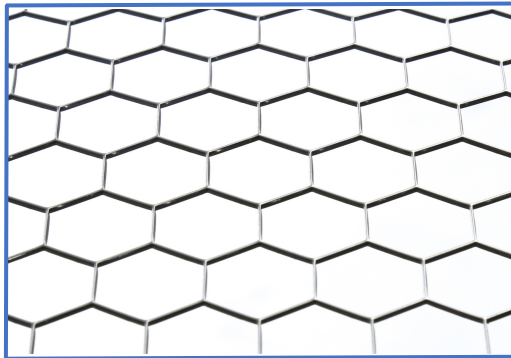
Superior Pressure Resistance

X-OPEN AREA PUNCHING utilizes cutting-edge Super Punching technology to achieve an unprecedented ***80-90% open area*** - a feat previously deemed impossible in metal perforation. Our innovative technique allows for perforations with gaps as small as half the plate thickness, while maintaining a flat surface ideal for secondary processing.

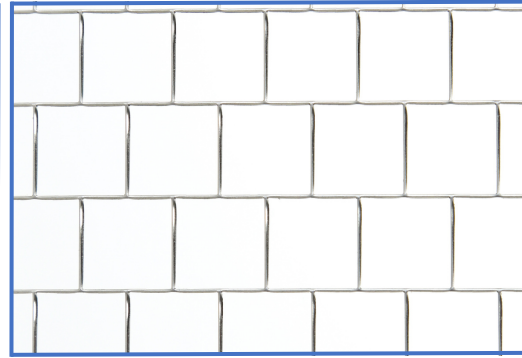
"Unmatched Performance. Unrivalled Quality. Unlimited Possibilities."



X4314 304 1t x ϕ 15
x 15.5 centers 84.8%



X4135 5052 1.2t x hexa 15
x 15.5 centers 93.7%



X4283 304 1t x $\square$ 10
x 10.5 centers 90.7%

Why Choose X-OPEN AREA PUNCHING?

1. ***Maximized Open Area***

Achieve up to 93.7% open area for optimal flow and visibility.

2. ***Material Efficiency:***

Significant weight reduction without compromising strength.

3. ***Customization***

Available in various materials, thicknesses, and hole patterns.

4. ***Precision Engineering***

Maintain flat surfaces for seamless integration into your products.

Applications:

- Heat Dissipation - Air Filtration - Audio Speaker Grilles
- Protective Covers - Industrial Housing

"List of Standard Material"



No.	Material	Thickness	Hole Size	Hole Centers	Hole Shape	Pattern	Open Area	Maximum Size
X4311	304	1mm	5	5.5	Round	Staggered	74.9%	500 x 500
X4313			10	10.5			82.2%	500 x 1000
X4315			15	15.5			84.8%	1000 x 1000
X4281			5	5.5	Square	Staggered	82.6%	500 x 500
X4283			10	10.5			90.7%	500 x 1000
X4285			15	15.5			93.7%	
X4261			5	5.5	Square	Straight	82.6%	500 x 500
X4263			10	10.5			90.7%	500 x 1000
X4265			15	15.5			93.7%	
X4111			5	5.5	Hexagonal	Staggered	82.6%	500 x 500
X4113			10	10.5			90.7%	
X4115			15	15.5			93.7%	500 x 1000
X4343	304	1.5mm	5	5.75	Round	Staggered	68.5%	500 x 500
X4342			5	5.6			72.2%	500 x 1000
X4341			5	5.5			74.9%	1000 x 1000
X4346			10	10.75			78.4%	
X4345			10	10.5			82.2%	
X4348			15	15.75			82.2%	
X4291			6	6.7	Square	Staggered	80.2%	500 x 1000
X4293			10	10.75			86.5%	
X4295			15	15.75			90.7%	1000 x 1000
X4271			6	6.7	Square	Straight	80.2%	500 x 1000
X4273			10	10.75			86.5%	1000 x 1000
X4275			15	15.75			90.7%	
X4141			6	6.7	Hexagonal	Staggered	80.2%	500 x 1000
X4144			10	10.75			86.5%	1000 x 1000
X4143			10	10.5			90.7%	
X4145			15	15.75			90.7%	
X4101	5052	0.8mm	5	5.5	Hexagonal	Staggered	82.6%	500 x 1000
X4103			10	10.5			90.7%	
X4105			15	15.5			93.7%	
X4131	5052	1.2mm	5	5.5	Hexagonal	Staggered	82.6%	500 x 1000
X4133			10	10.5			90.7%	
X4135			15	15.5			93.7%	

※Thematerial complies with the Japanese Industrial Standard (JIS).

Ready to Revolutionize Your Metal Perforation?

OKUTANI Ltd.1895

Kobe Head Office
5-5, Aioi-cho 4-chome, Chuo-ku, Kobe
Hyogo 650-0025 **Japan**
T : +81-78-351-2531 E : info@okutanikanaami.co.jp



Düsseldorf Sales Contact
T : +49-211-1623-596
E : duesseldorf-oks@okutanikanaami.co.jp



Chicago Sales Contact ITA, Inc.
T : +1 847-453-9882
E : jing@itaoffice.com

For more information

