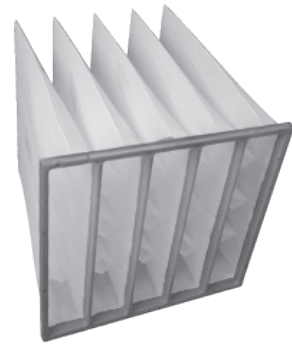


Other products

Air Filters



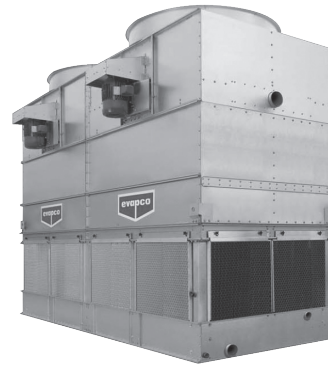
Air filtration

- Activated Carbon
- Air Conditioning Filters
- Bag Filters
- Clean Rooms
- Gas Filtration
- HEPA Filters,
- Intake Filters

Air movement

- Blowers & Gas Boosters
- Dampers & Flow Control
- Fibreglass Fans
- Industrial Fans
- Process Fans
- Side Channel Blowers

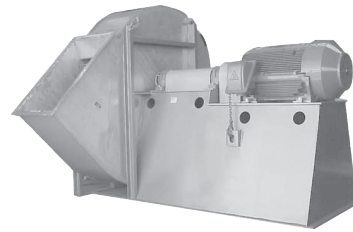
Cooling Towers



Environmental control

- Bag Filters
- Cartridge Filters
- Cooling Towers
- Cyclones
- De-Humidifiers
- Dust Collectors
- Evaporative Cooling Systems
- Fluid Strainers
- Heat Exchangers
- Heat Recovery Systems
- Odour Control
- Scrubbers

Industrial Fans



Measurement & instrumentation

- Flow & Pressure Instruments
- Hand held pressure measurement

Instruments

- IR Temperature Instruments

Design & consulting services

- Specifically in relation to our expertise in air movement, filtration, humidity control, dust collection

Please contact our Auckland sales office for this product:

Unit 1, 23 Druces Rd, Manukau, Auckland 104, New Zealand

Ph: +64 9 262 4474

Auckland.sales@windsor.co.nz

New Zealand | Australia | USA

Met-Ex[®] Expanded Metal



Met-Ex[®] Product Features

Available ex stock in mild steel, aluminium and stainless steel.

Some sizes also stocked in pre-galv, and the stock mild steel over 1.2mm thick can be hot dip galvanised at an extra cost [minimum order quantity applies].

The flat sheet of metal is first cut then stretched apart in one single operation to form the diamond shaped holes. This process increases the strength to weight ratio of the metal from which it is expanded.

Met-Ex[®] expanded metal is lighter per m² and stronger per kg than the sheet of metal from which it is made. With Met-Ex[®] expanded metal there is no interweaving, interslotting, brazing or welding. In other words there is nothing to work loose or fray either through vibration or as a consequence of heavy impact.

Even when cut into irregular shapes and left unframed, Met-Ex[®] does not fray or unravel.

With no welds or interwoven strands, Met-Ex expanded metal shows excellent corrosion resistance, especially when hot dipped galvanized, plastic coated or anodised [made in aluminium only].

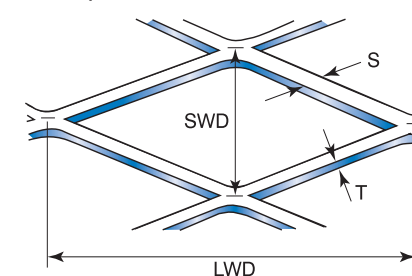
The knuckles formed by the cutting and expanding process support weight and withstand stress better than joints or welds. Used as the sides or as inserts in containers it allows air circulation without compromising strength or security.

Met-Ex[®] allows free passage of light, ventilation and sound, greatly increases the amount of metal surface exposed to the atmosphere for efficient and rapid heat diffusion and is a highly efficient conductor of electricity.

Please contact us for your requirements in other materials and for different sizes.

Ordering & Specifying

- Raised : Specify (Raised) For Rigidity
- Flattened : Specify (Flat) For Flexibility
- Material: Mild Steel, Aluminium, Stainless Steel, Pre-Galv
- Nomenclature: Material, LWD x SWD, T, S, Raised or Flat
- Example: A30121222R



KEY

- LWD - Long Way of Diamond
- SWD - Short Way of Diamond
- T - Material Thickness
- S - Strand Width

When ordering or specifying Met-Ex[®], remember that the long way of the diamonds run across the short way of the sheet. Maximum sheet width is 1200mm. Regular sheet length is 2400mm. Special order lengths available on negotiation.

Mild Steel (all prices exclude GST & Freight)

Size	Thickness	Strand	Flat/ Raised	Sheet Size	Part No	Weight	% Open Area	Opening Size approx
20 x 6	1.0	1.7	R	1200 x 2400	M2061017R	13	43	15 x 5
30 x 12	1.2	2.2	R	1200 x 2400	M30121222R	10	63	27 x 9
30 x 12	1.6	3.0	R	1200 x 2400	M30121630R	18.4	50	27 x 9
40 x 18	1.6	3.0	R	1200 x 2400	M40181630R	12.3	67	35 x 14
50 x 24	2.0	3.0	R	1200 x 2400	M50242030R	11.5	75	43 x 18
50 x 24	3.0	4.3	R	1200 x 2400	M50243043R	22	64	43 x 18
10 x 6	0.8	1.2	F	1200 x 2400	M1060812F	7.4	60	7 x 4
12.5 x 6	1.0	1.2	F	1200 x 2400	M12561012F	9.2	60	10 x 5
20 x 6	1.0	1.7	F	1200 x 2400	M2061017F	13	60	15 x 5
30 x 12	1.2	2.2	F	1200 x 2400	M30121222F	10	63	27 x 9
30 x 12	1.6	3.0	F	1200 x 2400	M30121630F	18.4	50	27 x 9
30 x 12	1.6	3.0	F	900 x 600	M30121630B	3.5	50	27 x 9
40 x 18	1.6	3.0	F	1200 x 2400	M40181630F	12.3	67	35 x 14
50 x 24	2.0	3.0	F	1200 x 2400	M50242030F	11.5	75	43 x 18
50 x 24	3.0	4.3	F	1200 x 2400	M50243043F	22	64	43 x 18

All thicknesses in mild steel from 1.2 and over can be hot dip galvanised as an extra (Minimum order value applies)

404GP/ Stainless Steel (all prices exclude GST & Freight)

Size	Thickness	Strand	Flat/ Raised	Sheet Size	Part No	Weight	% Open Area	Opening Size approx
30 x 12	1.2	1.6	R	1200 x 1200	S30121216R	4	73	27 x 9
40 x 18	1.2	2.0	R	1200 x 1200	S40181220R	3.4	78	35 x 14
30 x 12	1.2	1.6	F	1200 x 1200	S30121216F	4	73	27 x 9
40 x 18	1.2	2.0	F	1200 x 1200	S40181220F	3.4	78	35 x 14

Galvanised (all prices exclude GST & Freight)

Size	Thickness	Strand	Flat/ Raised	Sheet Size	Part No	Weight	% Open Area	Opening Size approx
30 x 12	1.2	2.2	R	1200 x 2400	G30121222R•	10.1	63	27 x 9
40 x 18	1.6	3.0	R	1200 x 2400	G40181630R•	12.3	67	35 x 14
50 x 24	2.0	3.0	R	1200 x 2400	G50242030R*	11.5	75	43 x 18
50 x 24	3.0	4.3	R	1200 x 2400	G50243043R*	22	64	43 x 18
30 x 12	1.2	2.2	F	1200 x 2400	G30121222F•	10.1	63	27 x 9
30 x 12	1.6	3.0	F	1200 x 2400	M30121630F*	18.4	50	27 x 9
40 x 18	1.6	3.0	F	1200 x 2400	G40181630F•	12.3	67	35 x 14
50 x 24	2.0	3.0	R	1200 x 2400	G50242030F*	11.5	75	43 x 18
50 x 24	3.0	4.3	R	1200 x 2400	G50243043F*	22	64	43 x 18

• = Pre-galv (dull)

*Hot-dip Galvanised after expansion (shiny)

Aluminium (all prices exclude GST & Freight)

Size	Thickness	Strand	Flat/ Raised	Sheet Size	Part No	Weight	% Open Area	Opening Size approx
6 x 3	0.7	0.8	R	1200 x 800	A06030708R	1	47	3 x 1
10 x 6	0.9	1.2	R	1200 x 2400	A1060912R	2.9	60	7 x 4
12.5 x 6	0.9	1.2	R	1200 x 2400	A12560912R	2.9	60	10 x 5
20 x 6	0.9	1.2	R	1200 x 2400	A2060912R	2.9	60	15 x 5
30 x 12	1.2	2.2	R	1200 x 2400	A30121222R	3.5	63	27 x 9
40 x 18	1.2	2.5	R	1200 x 2400	A401812250R	2.7	72	35 x 14
50 x 24	3.0	4.3	R	1200 x 2400	A50243043R	8.8	64	43 x 18
10 x 6	0.9	1.2	F	1200 x 2400	A1060912F	2.9	60	7 x 4
12.5 x 6	0.9	1.2	F	1200 x 2400	A12560912F	2.9	60	10 x 5
20 x 6	0.9	1.2	F	1200 x 2400	A2060912F	2.9	60	15 x 5
30 x 12	1.2	2.2	F	1200 x 2400	A30121222F	3.5	63	27 x 9
40 x 18	1.2	2.5	F	1200 x 2400	A401812250F	2.7	72	35 x 14
50 x 24	3.0	4.3	F	1200 x 2400	A50243043F	8.8	64	43 x 18

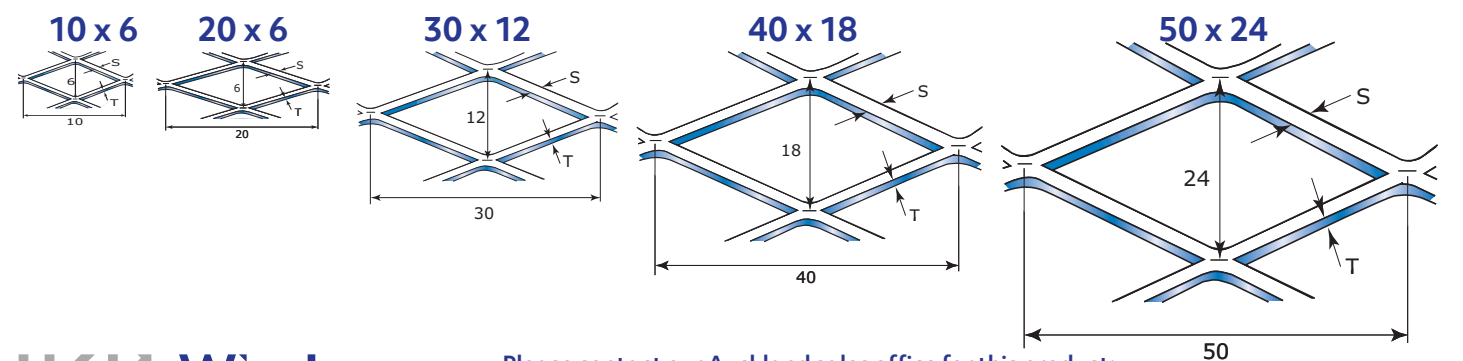
Alipac (all prices exclude GST & Freight)

Size	Thickness	Strand	Flat/ Raised	Sheet Size	Part No	Weight	% Open Area	Opening Size approx
6 x 3	0.7	0.8	R	800 x 400	AP063	0.3	47	3 x 1
10 x 6	0.9	1.2	R	800 x 400	AP106	1	60	7 x 4
20 x 6	0.9	1.2	R	800 x 400	AP206	1	60	15 x 5
30 x 12	1.2	2.2	R	800 x 400	AP3012	1.1	63	27 x 9

316L Stainless Steel (all prices exclude GST & Freight)

Size	Thickness	Strand	Flat/ Raised	Sheet Size	Part No	Weight	% Open Area	Opening Size approx
20 x 8	1.0	1.2	R	1200 x 2400	S20081012S	7.5	75	15 x 7
20 x 8	1.0	1.2	R	1200 x 1200	S20081012R	3.75	75	15 x 7

Mesh Actual Sizes (A3 Printout)



windsor.co.nz

Please contact our Auckland sales office for this product:
 Unit 1, 23 Druces Rd, Manukau, Auckland 104, New Zealand
 Ph: +64 9 262 4474
 Auckland.sales@windsor.co.nz
 New Zealand | Australia | USA