

OTHER PRODUCTS

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

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

MEASUREMENT & INSTRUMENTATION

Flow & Pressure Instruments
Hand Held Pressure Measurement Instruments
IR Temperature Instruments

DESIGN & SCOPING CONSULTING SERVICES

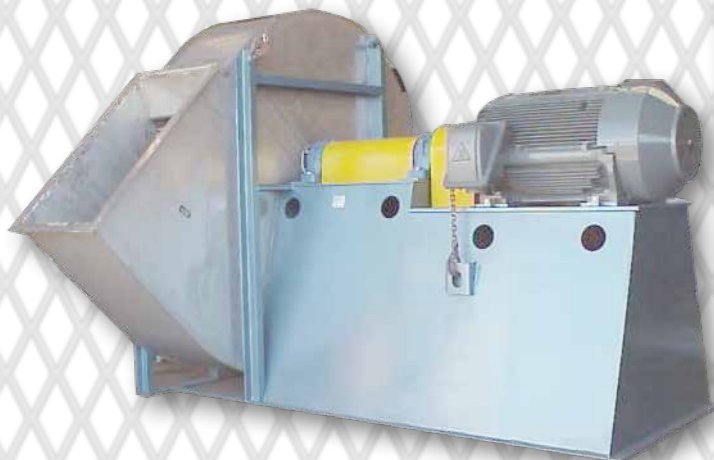
Specifically in relation to our expertise in air movement, filtration, humidity control, dust collection.



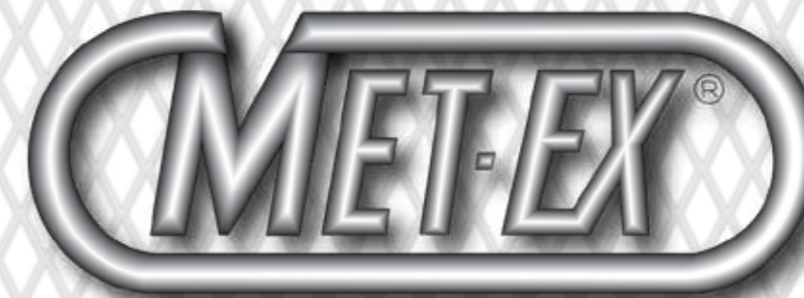
Air Filters



Cooling Towers



Industrial Fans



Met-Ex - September 2015

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].

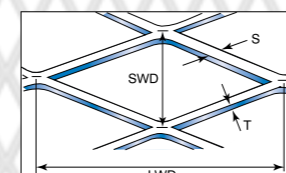
The knuckles formed by the cutting and expanding process support weight and withstand stress better than joints or welds.

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 IPSCO for your requirements in other materials and for different sizes.

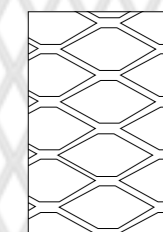
Ordering & Specifying



KEY	
LWD	Long Way of Diamond
SWD	Short Way of Diamond
T	Material Thickness
S	Strand width

Raised : Specify [R] For rigidity
Flattened : Specify [F] For flexibility

To Order or Specify Met-Ex®: Specify the Material, LWD x SWD, T, S, R or F



1200

When ordering or specifying Met-Ex®, remember that the long way of the diamonds run across the short way of the sheet.

You need to specify the type of material, LWD x SWD dimensions, Thickness, Strand width, and Raised or Flattened material type.

Maximum sheet width is 1200mm.

MILD STEEL [ALL PRICES EXCLUDE GST & FREIGHT]

Size	Thickness	Strand	Flat/Raised	Sheet Size	Part No	Weight	% Open Area	Opening Size approx	\$ / Sheet
20 x 6	1.0	1.7	R	1200 x 2400	M2061017R	13	45	15 x 5	
30 x 12	1.2	2.2	R	1200 x 2400	M30121222R	10	65	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	71	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	45	15 x 5	
30 x 12	1.2	2.2	F	1200 x 2400	M30121222F	10	65	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	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	71	43 x 18	

All thicknesses in mild steel from 1.2 and over can be hot dip galvanised as an extra [min 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	\$ / Sheet
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	

PREGALV [ALL PRICES EXCLUDE GST & FREIGHT]

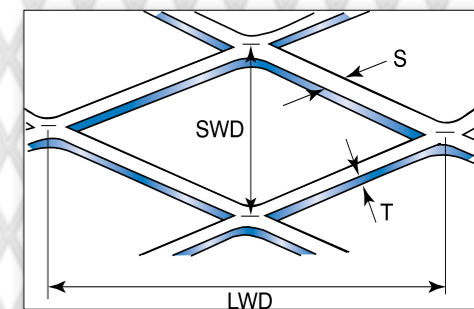
Size	Thickness	Strand	Flat/Raised	Sheet Size	Part No	Weight	% Open Area	Opening Size approx	\$ / Sheet
30 x 12	1.2	2.2	R	1200 x 2400	G30121222R	10.1	65	27 x 9	
40 x 18	1.6	3.0	R	1200 x 2400	G40181630R	12.3	67	35 x 14	
30 x 12	1.2	2.2	F	1200 x 2400	G30121222F	10.1	65	27 x 9	
40 x 18	1.6	3.0	F	1200 x 2400	G40181630F	12.3	67	35 x 14	

ALUMINIUM [ALL PRICES EXCLUDE GST & FREIGHT]

Size	Thickness	Strand	Flat/Raised	Sheet Size	Part No	Weight	% Open Area	Opening Size approx	\$ / Sheet
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	63	10 x 5	
20 x 6	0.9	1.2	R	1200 x 2400	A2060912R	2.9	45	15 x 5	
30 x 12	1.2	2.2	R	1200 x 2400	A30121222R	3.5	65	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	63	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	63	10 x 5	
20 x 6	0.9	1.2	F	1200 x 2400	A2060912F	2.9	45	15 x 5	
30 x 12	1.2	2.2	F	1200 x 2400	A30121222F	3.5	65	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	63	43 x 18	

ALIPAC [ALL PRICES EXCLUDE GST & FREIGHT]

Size	Thickness	Strand	Flat/Raised	Sheet Size	Part No	Weight	% Open Area	Opening Size approx	\$ / Sheet
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	45	15 x 5	
30 x 12	1.2	2.2	R	800 x 400	AP3012	1.1	65	27 x 9	



MET-EX® Expanded Metal allows light, heat, sound and air to pass through yet will offer ideal protection, safety and design to meet many of your manufacturing, engineering and construction needs.

When ordering or specifying Metex remember that the long way of the diamonds runs across the short way of the sheet.

Maximum sheet width is 1200mm.

Custom sheet lengths may be made to order, please contact us for further details.

Mesh Actual Sizes

