



Met-Ex Product Features

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].

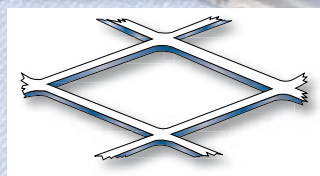
The knuckles formed by the cutting and expanding process support weight and withstand stress better than joints or welds.

Used as the sides or as inserts in containers it allows air circulation without compromising strength or security.

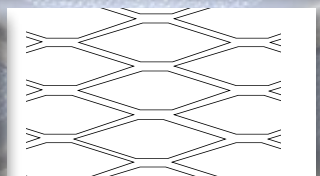
Met-Ex allows free passage of light, ventilation and sound, greatly increases the amount of metal surface exposed to the atmosphere for efficient and rapid heat diffusion and is a highly efficient conductor of electricity.

Met-Ex is available in standard sizes in mild steel, aluminium, and stainless steel.

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

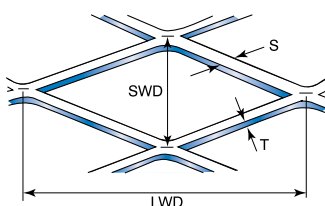


Raised (R) for Rigidity



Flattened (F) for flexibility

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

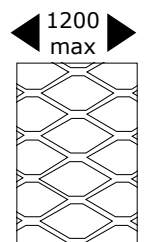
To Order or Specify Met-Ex:

Specify the Material, LWD x SWD, T, S, and either R or F

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.

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





Small Meshes



METEX 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.

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6 x 3	Applications ▶								
								<ul style="list-style-type: none"> ✦ Insect Screens ✦ Fire / Spark Guards ✦ Infill - Security Doors ✦ Trays, burner Gauze 	
	Size LWD x SWD	Material	Thickness T	Strand S	IPSCO Ref	Sheet Size	% Open Area	Weight kg	Opening Size
	6 x 3	Ali	0.7	0.8	A630708	1200 x 800	47	1.0	3 x 2
	AP6 x 3	AliPac	0.7	0.8	AP63	800 x 400	47	0.4	3 x 2

10 x 6	Applications ▶								
								<ul style="list-style-type: none"> ✦ Fire Guards ✦ Display Stands ✦ Anti-Slip Tread ✦ Hobbies 	
	Size LWD x SWD	Material	Thickness T	Strand S	IPSCO Ref	Sheet Size	% Open Area	Weight kg	Opening Size
	10 x 6	Ali	0.9	1.2	A1060912	1200 x 2400	60	2.9	7 x 4
	10 x 6	ms	0.8	1.2	M1060812	1200 x 2400	60	7.4	7 x 4
	AP10 x 6	AliPac	0.7	0.8	AP106	800 x 400	60	0.4	7 x 4

12.5 x 6	Applications ▶								
								<ul style="list-style-type: none"> ✦ Sump Stone guards ✦ Sculpture ✦ Anti-Slip Tread ✦ Hobbies, Papermaking 	
	Size LWD x SWD	Material	Thickness T	Strand S	IPSCO Ref	Sheet Size	% Open Area	Weight kg	Opening Size
	12.5 x 6	Ali	0.9	1.2	A12560912	1200 x 2400	60	2.9	10 x 5
	12.5 x 6	zintec	0.6	1.25	Z125606125	1200 x 2133	60	9.2	10 x 5
	12.5 x 6	ms	1.0	1.2	M12561012	1200 x 2400	60	9.2	10 x 5

20 x 6	Applications ▶								
								<ul style="list-style-type: none"> ✦ Frying Baskets ✦ Anti-Slip Tread ✦ Tree / Garden Guards ✦ Rubbish Bins 	
	Size LWD x SWD	Material	Thickness T	Strand S	IPSCO Ref	Sheet Size	% Open Area	Weight kg	Opening Size
	20 x 6	Ali	0.9	1.2	A20160912	1200 x 2400	45	2.9	15 x 5
	20 x 6	ms	1.0	1.7	M2061017	1200 x 2400	45	9.2	15 x 5
	AP20 x 6	Ali	0.9	1.2	AP206	800 x 400	45	0.4	15 x 5
	20 x 6	s/s	1.2	1.5	S2061215	1200 x 1200	45	6.5	15 x 5

30 x 12	Applications ▶								
								<ul style="list-style-type: none"> ✦ Vermin Proofing ✦ Display Stands ✦ Machine Guards ✦ Panels, Grilles 	
	Size LWD x SWD	Material	Thickness T	Strand S	IPSCO Ref	Sheet Size	% Open Area	Weight kg	Opening Size
	30 x 12	Ali	1.2	2.2	A30121222	1200 x 2400	65	3.5	27 x 9
	30 x 12	Ali	1.6	3.0	A30121630	1200 x 2400	50	6.5	27 x 9
	AP30 x 12	AliPac	0.9	1.2	AP3012	800 x 400	73	0.3	27 x 9
	30 x 12	ms	1.2	2.2	M30121222	1200 x 2400	65	10.1	27 x 9
	30 x 12	ms	1.6	3.0	M30121630	1200 x 2400	50	18.4	27 x 9
	30 x 12	Galv	1.2	2.2	G30121222	1200 x 2400	65	10.2	27 x 9
	30 x 12	s/s	1.2	1.6	S30121216	1200 x 1200	73	4.0	27 x 9
	30 x 12	ms	2.0	2.2	M30122022	1200 x 2400	62	15.8	27 x 9





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40 x 18					Applications ▶		<ul style="list-style-type: none"> ☒ Vermin Proofing ☒ Display Stands ☒ Machine Guards ☒ Panels, Grilles 		
	Size LWD x SWD	Material	Thickness T	Strand S	IPSCO Ref	Sheet Size	% Open Area	Weight kg	Opening Size
	40 x 18	Ali	0.9	1.8	A40180918	1200 x 2400	80	1.6	35 x 14
	40 x 18	Ali	1.2	2.5	A40181225	1200 x 2400	72	2.7	35 x 14
	40 x 18F	Ali Flat	1.2	1.6	A40181216F	1200 x 2400	78	2.0	35 x 14
	40 x 18R	Ali Raised	1.2	1.6	A40181216R	1200 x 2400	78	2.0	35 x 14
	40 x 18	Ali	1.6	3.0	A40181630	1200 x 2400	67	4.3	35 x 14
	40 x 18	ms	1.6	3.0	M40181630	1200 x 2400	67	12.3	35 x 14
	40 x 18	Galv	1.6	3.0	G40181630	1200 x 2400	67	12.3	35 x 14
	40 x 18	s/s	1.2	2.0	S40181230	1200 x 1200	78	3.4	35 x 14
40 x 18	ms	2.0	2.7	M40182027	1200 x 2400	60	14.7	35 x 14	

50 x 24					Applications ▶		<ul style="list-style-type: none"> ☒ Vermin Proofing ☒ Display Stands ☒ Machine Guards ☒ Panels, Grilles 		
	Size LWD x SWD	Material	Thickness T	Strand S	IPSCO Ref	Sheet Size	% Open Area	Weight kg	Opening Size
	50 x 24	Ali	2.0	3.0	A50242030	1200 x 2400	75	4.1	43 x 18
	50 x 24	Ali	3.0	4.3	A50243043	1200 x 2400	63	8.8	43 x 18
	50 x 24	ms	2.0	3.0	M50242030	1200 x 2400	75	11.5	43 x 18
	50 x 24	Galv	2.0	3.0	G50242030	1200 x 2400	75	11.5	43 x 18
	50 x 24	ms	3.0	4.3	M50243043	1200 x 2400	71	22.0	43 x 18
	50 x 24	Galv	2.0	3.5	G50242035	1200 x 2400	75	11.5	43 x 18
	50 x 24	s/s	1.5	2.0	S50241520	1200 x 1200	83	3.3	43 x 18

75 x 36					Applications ▶		<ul style="list-style-type: none"> ☒ Vermin Proofing ☒ Display Stands ☒ Machine Guards ☒ Panels, Grilles 		
	Size LWD x SWD	Material	Thickness T	Strand S	IPSCO Ref	Sheet Size	% Open Area	Weight kg	Opening Size
	75 x 36	Ali	2.0	3.0	A75362030	1200 x 2400	83	2.8	67 x 30
	75 x 36	Ali	3.0	4.0	A75363040	1200 x 2400	80	5.5	67 x 30
	75 x 36	ms	2.0	3.0	M75362030	1200 x 2400	83	7.7	67 x 30
	75 x 36	ms	3.0	4.0	M75363040	1200 x 2400	80	15.4	67 x 30
	75 x 36	s/s	2.0	3.0	S75362030	1200 x 1200	83	4.0	67 x 30
	75 x 36	s/s	3.0	4.0	S75363040	1200 x 1200	80	6.8	67 x 30

