

METWEAVE | Woven Fabric Gaskets

MW Shielding

MW Shielding fabric wrapped screening profiles utilise a highly conductive and durable impregnated fabric formed around a sponge or foam core to create a very versatile low compression gasket.

Applications:

Conductive or 'Metweave' fabric covered profiles are particularly suitable for fixed-gasket applications within the computer or telecommunications manufacturing sectors as they are easily trimmed to size, are self-terminating and provide excellent dust and moisture protection coupled with a high degree of EMI shielding.

Conductive Metweave fabric is available in strip form or as ready to fit pre-formed or jointed gaskets. The standard materials have a self-adhesive backing and can be quickly and easily fixed in position. Corner joints can be mitred or butt-jointed according to cross-section without the need to bond or seal the cut ends against fraying. All metweave fabric is rip-stop unless otherwise specified.

Specifications:

Open and closed-cell foam and sponge rubber cores are available (polyurethane & EPDM). The fabric can also be applied around rubber tube profiles.

Surface resistivity:	Nickel/Copper < 0.05 Ω
Abrasion resistance:	Excellent
Compression set:	< 10% (typical)
Temperature range:	-40°C to +70°C (typical)

Performance: Typical dB

FREQUENCY	ATTENUATION
30 MHz	90
100 MHz	>100
500 MHz	>100
1 GHz	>100
10 GHz	110

Tolerances:

Up to 16mm	-0.8mm
Up to 48mm	-1.5mm
Up to 100mm	-2.0mm

How to order:

Specify: Series - Fabric - Filler (core) - Shape - Size - Length - Finish
For finished gaskets please provide a detailed drawing.

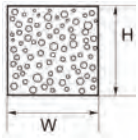
Examples:

MW-CN-PU-11-0500-0500-S/A is Metweave with polyurethane foam core, 5 x 5 mm D-Section with self-adhesive.
MW-CN-EP-70-0100-0030-N/A is Metweave with EPDM Sponge core, 10 x 3 mm rectangular section without adhesive.

SERIES	FABRIC	FILLER (CORE)	SHAPE	SIZE	FINISH
MW=Metweave	Copper/Nickel	PU=Polyurethane	70=Rectangular	xxxx-xxxx	N/A= No Adhesive
		EP=EPDM Sponge	11=D-Section		S/A= Self-Adhesive
			88=C Section		
			60=Round		
			80=P-Section		
			90=Double D		
			77=Knife-edge		
			66=L-Section		

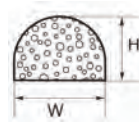
METWEAVE | Woven Fabric Gaskets

MW Shielding



RETANGULAR

WIDTH mm	HEIGHT mm	PART NUMBER
2	2	MW-CN-PU-70-0020-0020
3	3	MW-CN-PU-70-0030-0030
4	4	MW-CN-PU-70-0040-0040
5	5	MW-CN-PU-70-0050-0050
6	6	MW-CN-PU-70-0060-0060
8	8	MW-CN-PU-70-0080-0080
10	10	MW-CN-PU-70-0100-0100
12	12	MW-CN-PU-70-0120-0120
13	13	MW-CN-PU-70-0130-0130
15	15	MW-CN-PU-70-0150-0150



D-SHAPE

WIDTH mm	HEIGHT mm	PART NUMBER
3.9	1.5	MW-CN-PU-11-0039-0015
6.4	2.3	MW-CN-PU-11-0064-0023
9	3	MW-CN-PU-11-0090-0030
15	5	MW-CN-PU-11-0150-0050
4.3	2.7	MW-CN-PU-11-0043-0027
4	3.8	MW-CN-PU-11-0040-0038
6.4	3.6	MW-CN-PU-11-0064-0036
10	6	MW-CN-PU-11-0100-0060
10	10	MW-CN-PU-11-0100-0100
12	10	MW-CN-PU-11-0120-0100



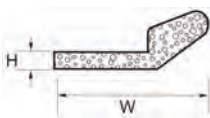
C-FOLD

WIDTH mm	HEIGHT mm	PART NUMBER
7.1	6.4	MW-CN-PU-88-0071-0064
8	8	MW-CN-PU-88-0080-0080
10.7	9.8	MW-CN-PU-88-0107-0098
10.9	10	MW-CN-PU-88-0109-0100
10.9	10.2	MW-CN-PU-88-0109-0102



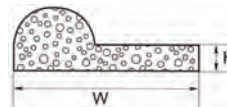
L-SHAPE

WIDTH mm	HEIGHT mm	PART NUMBER
12	11	MW-CN-PU-66-0120-0110
11	11	MW-CN-PU-66-0110-0110
15	13	MW-CN-PU-66-0150-0130
19	17	MW-CN-PU-66-0190-0170
14.7	17.1	MW-CN-PU-66-0147-0171



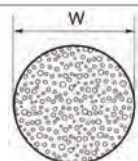
KNIFE-EDGE

WIDTH mm	HEIGHT mm	PART NUMBER
11.3	2.7	MW-CN-PU-77-0113-0027
11.4	2.8	MW-CN-PU-77-0114-0028
19.1	6.4	MW-CN-PU-77-0191-0064
18	7.9	MW-CN-PU-77-0180-0190
19.1	8.9	MW-CN-PU-77-0191-0089



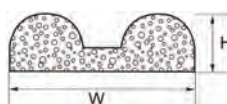
P-SHAPE

WIDTH mm	HEIGHT mm	PART NUMBER
14	3	MW-CN-PU-80-0140-0030
15	3	MW-CN-PU-80-0150-0030
13	2	MW-CN-PU-80-0130-0020
17	7	MW-CN-PU-80-0170-0070
8	2	MW-CN-PU-80-0080-0020
22.5	9.5	MW-CN-PU-80-0225-0095
12.2	5.1	MW-CN-PU-80-0122-0051
13.2	3.7	MW-CN-PU-80-0132-0037



ROUND

WIDTH mm	PART NUMBER
3	MW-CN-PU-60-0030
6	MW-CN-PU-60-0060
9	MW-CN-PU-60-0090
10	MW-CN-PU-60-0100
12	MW-CN-PU-60-0120



DOUBLE D-SHAPE

WIDTH MM	HEIGHT mm	PART NUMBER
9.6	3.2	MW-CN-PU-90-0096-0032
9.7	2.8	MW-CN-PU-90-0097-0028

Note:

Minimum order quantities may apply as not all profiles are stock parts - please contact us for more details.