

EMC Shielding Products - continued

Shielding Foil Tape - continued

Dimension (W x L)	Order Code	Price Each			
		1+	5+	10+	25+
Tin-plated Copper					
12.7mm x 15m	886-8506	2,920.00	2,654.00	2,458.00	2,065.00
25.4mm x 15m	886-8514	5,548.00	5,042.00	4,670.00	3,923.00
50.8mm x 15m	886-8522	11,160.00	10,145.00	9,392.00	7,889.00
101.6mm x 15m	886-8530	22,191.00	20,170.00	18,676.00	15,688.00
Aluminium					
12.7mm x 15m	886-8549	1,184.00	1,077.00	997.00	837.00
25.4mm x 15m	886-8557	2,060.00	1,873.00	1,735.00	1,457.00
50.8mm x 15m	886-8565	4,332.00	3,937.00	3,646.00	3,062.00
101.6mm x 15m	886-8573	9,263.00	8,419.00	7,796.00	6,549.00
Copper					
12.7mm x 15m	886-8581	2,206.00	2,005.00	1,856.00	1,560.00
25.4mm x 15m	886-8590	4,056.00	3,687.00	3,413.00	2,868.00
50.8mm x 15m	886-8603	4,672.00	4,247.00	3,932.00	3,302.00
Copper, Non-conductive Adhesive					
12.7mm x 15m	886-8611	2,833.00	2,574.00	2,385.00	2,002.00
25.4mm x 15m	886-8620	5,383.00	4,892.00	4,530.00	3,805.00
50.8mm x 15m	886-8638	10,937.00	9,941.00	9,205.00	7,732.00
Copper, Conductive Adhesive 2 Sides					
25.4mm x 15m	886-8646	4,380.00	3,981.00	3,687.00	3,096.00
50.8mm x 15m	886-8654	7,414.00	6,738.00	6,239.00	5,241.00
Nickel-plated Fabric					
25.4mm x 15m	886-8662	16,190.00	14,714.00	13,625.00	11,445.00
50.8mm x 15m	886-8670	28,906.00	26,274.00	24,328.00	20,435.00

Shielding Foil Tape - 'CHO-FOIL'®



- Economical EMI shielding solution for variety of commercial uses
- Pressure-sensitive adhesive (PSA). Adhesive contains a uniform dispersion of unique oxidation resistant conductive particles that produce a very low resistance through the tape
- Copper tape meets the requirements of MIL-T-47012 and the tinned copper foil tape meets MIL-T-10727 for corrosion resistance
- Tinned copper version allows direct soldering to the tape

Note: Reel length tolerance ±10%

204250

Dimension (W x L)	Order Code	Price Each			
		1+	5+	10+	25+
Tin-plated Copper					
12.7mm x 15m	121-8470	2,564.00	2,180.00	1,744.00	1,585.00
25.4mm x 15m	121-8466	4,860.00	4,171.00	3,438.00	2,954.00
50.8mm x 15m	121-8471	9,753.00	8,290.00	6,632.00	6,029.00
101.6mm x 15m	121-8472	19,507.00	16,580.00	13,264.00	12,059.00
Aluminium					
12.7mm x 15m	121-8473	1,007.00	878.00	728.00	646.00
25.4mm x 15m	121-8474	1,764.00	1,538.00	1,276.00	1,133.00
50.8mm x 15m	121-8476	3,557.00	3,024.00	2,419.00	2,199.00
101.6mm x 15m	121-8477	7,113.00	6,047.00	4,837.00	4,398.00
Copper					
12.7mm x 15m	121-8478	1,438.00	1,253.00	1,040.00	923.00
25.4mm x 15m	121-8465	3,582.00	3,211.00	2,949.00	2,424.00
50.8mm x 15m	121-8479	5,299.00	4,505.00	3,603.00	3,276.00
Copper, Non-conductive Adhesive					
12.7mm x 15m	121-8480	1,402.00	1,223.00	1,014.00	900.00
25.4mm x 15m	121-8481	2,579.00	2,192.00	1,754.00	1,594.00
50.8mm x 15m	121-8482	5,157.00	4,384.00	3,507.00	3,188.00
Copper, Conductive Adhesive 2 Sides					
25.4mm x 15m	121-8483	4,222.00	3,590.00	2,871.00	2,611.00
50.8mm x 15m	121-8484	8,445.00	7,178.00	5,743.00	5,220.00
Aluminium, Conductive Adhesive 2 Sides					
25.4mm x 30m	121-8485	4,544.00	3,862.00	3,090.00	2,809.00

Shielding Foils



- 3M Scotch® Foil Shielding Tapes are designed for applications requiring reliable point-to-point electrical contact, particularly EMI shielding, grounding and static charge draining
- The tapes have multitude of uses in electronic design and test laboratories for prototyping, design and troubleshooting.
- Also available as an engineering kit, which offers easy access to all 9 foil tapes in the 3M range
- Dispenser box serves as a source of reference for tapes, as basic technical information about each tape appears on the box

All rolls are 19mm wide and 3.66m long

Mfrs. List No.	Order Code	Description
1170	120-8990	Plain aluminium foil, conductive adhesive solderable. Total thickness 0.08mm
1181	120-8991	Plain aluminium foil, conductive adhesive solderable. Total thickness 0.08mm
1182	120-8993	Plain Copper foil, conductive adhesive, solderable. Total thickness 0.07mm
1183	120-8994	Plain Copper foil, conductive adhesive on both sides of foil, solderable. Total thickness 0.09mm.
1194	120-8995	Tin Plated Copper foil, oxidation resistant for long term EMI Shielding. Conductive adhesive. Total thickness 0.07mm.
1245	120-8996	Plain Copper foil, electrically non-conductive adhesive. Total thickness 0.08mm.
1345	120-8999	Embossed Copper foil, conductive adhesive. Solderable. Total thickness 0.1mm.
Foil Engineering Kit	120-8988	Embossed Tin Plated Copper foil. Conductive adhesive. Oxidation resistant for long term EMI shielding. Total thickness 0.1mm.

204090

Mfrs. List No.	Order Code	Price Each			
		1+	12+	24+	36+
1170	120-8990	1,121.00	916.00	815.00	719.00
1181	120-8991	1,063.00	869.00	772.00	681.00
1182	120-8993	1,105.00	901.00	802.00	708.00
1183	120-8994	1,179.00	956.00	850.00	750.00
1194	120-8995	434.00	355.00	316.00	278.00
1245	120-8996	952.00	777.00	691.00	610.00
1345	120-8999	1,184.00	967.00	859.00	758.00
Foil Engineering Kit	120-8988	8,962.00	8,571.00	7,750.00	6,991.00

Knitted Wire Mesh Tape



- Monel mesh tape providing excellent RFI/EMI shielding for electronic cables and harness assemblies.
- When wrapped firmly around cables with a 50% overlap and earthed at both ends, provides an effective shield in compliance with BS6527, VDE and FCC radiation limits.

204249

10m Reel	Reel Width	Order Code	Price Per Reel		
			1+	5+	10+
	25mm	121-9141	1,262.00	1,136.00	1,032.00
	50mm	121-9142	1,886.00	1,704.00	1,546.00

Raybraid-101 - Shielding Braid



- Tinned copper shielding braid for harness systems
- Supplied on easily removed plastic tube former
- Minimum 93% optical coverage
- Super flexible with high expansion ratio

Note: Tube former must be removed from braid before use.

Bundle Diameter	Former Diameter	Braid Size	Mfrs. List No.	Order Code	
					Max.
5.0	3mm ± 0.13mm	0.1	38	RAY-101-3.0	121-8642
7.5	4mm ± 0.25mm	0.13	36	RAY-101-4.0	121-8643
9.5	6mm ± 0.25mm	0.13	36	RAY-101-6.0	121-8644
14	7.5mm ± 0.25mm	0.13	36	RAY-101-7.5	121-8646
22	10mm ± 0.25mm	0.13	36	RAY-101-10.0	121-8647
24	12.5mm ± 0.25mm	0.13	36	RAY-101-12.5	121-8648
38	20mm ± 0.38mm	0.13	36	RAY-101-20.0	121-8649

204176

10m Coils	Order Code	Price Each			
		1+	10+	25+	50+
	121-8642	1,696.00	1,550.00	1,521.00	1,341.00
	121-8643	2,845.00	2,535.00	2,396.00	2,113.00
	121-8644	4,058.00	3,617.00	3,419.00	3,014.00
	121-8646	4,094.00	3,648.00	3,449.00	3,293.00
	121-8647	4,949.00	4,411.00	4,105.00	3,678.00
	121-8648	5,519.00	4,919.00	4,650.00	4,101.00
	121-8649	7,560.00	7,223.00	6,636.00	6,302.00