

3M™ Electronic Assembly Solutions Conductives Go-To Materials List

**Thermal Management
EMI Shielding/Absorbing**

United States

3M™ Electronic Assembly Solutions Conductives Go-To Materials List

Fast and reliable service is crucial to success from sampling to prototyping to full-scale production. 3M™ Electronic Assembly Solutions Conductives Go-To Materials List includes suggested thermal and EMI materials that cover many applications and provides differentiated solutions for a variety of thermal and EMI management needs. Make these materials your go-to option for EMI and thermal challenges, supplemented by a broader line of 3M™ Conductive Materials.

* Contact your 3M representative for large order quantities (LOQs), which may require planning for longer lead times.

These materials are supported by high service levels, including:

- Stocked or available within 2-3 week lead time*
- Low minimum order quantities (MOQs)

Thermal Interface Materials (click each product for details)

EMI Shielding/Absorbing Materials (click each product for details)

Regulatory: For regulatory information about this product, contact your 3M representative.

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3M™ Thermally Conductive Interface Pads

Type of Tape	Product Number	Thickness		SAP SKU	Legacy SKU	Dimensions
		mil	mm			
3M™ Thermally Conductive Acrylic Interface Pad	5550H	20	0.5	7100197296	JT-9400-1217-5	240 mm x 20 m
		40	1.0	7100197600	JT-9400-1172-2	240 mm x 30 m
	5590H	20	0.5	7100183185	JT-9400-1152-4	240 mm x 20 m
		40	1.0	7100183476	JT-9400-1154-0	240 mm x 20 m
		60	1.5	7100183142	JT-9400-1157-3	240 mm x 20 m
3M™ Thermally Conductive Silicone Interface Pad	5519	40	1.0	7000100821	WX-3009-0963-6	210 mm x 155 m
		60	1.5	7010352910	WX-3009-0964-4	210 mm x 155 m

The above technical information and data should be considered representative or typical only and should not be used for specification purposes.



3M™ Thermally Conductive Epoxy Adhesives

Type of Tape	Product Number	SAP SKU	Legacy SKU	Size
3M™ Thermally Conductive Epoxy Adhesives	TC2810	7100170986	XA-0068-0025-5	50 mL

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3M™ Thermally Conductive Tapes

Type of Tape	Product Number	Thickness		SAP SKU	Legacy SKU	Dimensions
		mil	mm			
3M™ Thermally Conductive Adhesive Transfer Tapes	8805	5	0.125	7010374047	70-0062-9241-4	7 in x 36 yd
				7100059628	70-0063-3632-8	22 in x 36 yd
				7100020096	70-0062-9239-8	2 in x 36 yd
				7010311953	70-0062-9243-0	14 in x 36 yd
	8810	10	0.25	7010374049	70-0062-9247-1	7 in x 36 yd
				7010300226	70-0062-9248-9	7 in x 108 yd
				7010333946	70-0062-9246-3	4 in x 36 yd
				7000124087	70-0063-3633-6	22 in x 36 yd
				7010374984	70-0064-6083-9	22 in x 108 yd
				7010374048	70-0062-9245-5	2 in x 36 yd
				7010374050	70-0062-9249-7	14 in x 36 yd
				7000123932	70-0062-9383-4	1.5 in x 36 yd
	8815	15	0.375	7010311954	70-0062-9253-9	7 in x 36 yd
				7010374051	70-0062-9252-1	4 in x 36 yd
				7100063956	70-0063-3635-1	22 in x 36 yd
				7010333947	70-0062-9251-3	2 in x 36 yd
				7010374052	70-0062-9255-4	14 in x 36 yd
	8820	20	0.5	7010311957	70-0062-9346-1	7 in x 36 yd
				7100061065	70-0062-9345-3	4 in x 36 yd
				7100063957	70-0063-3637-7	22 in x 36 yd
7010374060				70-0062-9348-7	14 in x 36 yd	
3M™ Thermally Conductive Interface Tapes	8926-02	7.9	0.2	7100091560	WT-6009-1238-8	600 mm x 40 m
	8926-05	20	0.5	7100100145	WT-6009-1334-5	600 mm x 40 m
3M™ Thermally Conductive Heat Spreading Tape	9876-15	5.9	0.15 overall thickness	7000008597	WX-3009-1870-2	500 mm x 50 m

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3M™ Electrically Conductive Tapes

Type of Tape	Product Number	Thickness		SAP SKU	Legacy SKU	Dimensions
		mil	mm			
3M™ Electrically Conductive Adhesive Transfer Tapes	9703	2	0.050 approx. adhesive thickness	7100013781	70-0000-5331-7	CONFIG
				7000048745	70-0062-2001-9	6 in x 36 yd
				7010334603	70-0063-3610-4	4.5 in x 36 yd
				7010334537	70-0064-6073-0	24 in x 36 yd
				7000001225	70-0062-4157-7	12 in x 36 yd
				7010333907	70-0062-4286-4	0.25 in x 36 yd
				7010373830	70-0062-4287-2	0.5 in x 36 yd
				7000048555	70-0061-1976-5	1 in x 36 yd
	9707	2	0.050 approx. adhesive thickness	7100123675	70-0003-3604-3	CONFIG
				7000001363	70-0064-5709-0	14 in x 108 yd
9719	4	0.1 approx. tape thickness	7100000203	70-0000-9389-1	CONFIG	
			7010409749	70-0064-6144-9	14 in x 36 yd	
3M™ Electrically Conductive Single-Sided Tape	3304BC-S	1.8	0.045	7100230497	WX-3009-5357-6	500 mm x 100 m

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3M™ EMI Absorbers

Type of Tape	Product Number	Thickness		SAP SKU	Legacy SKU	Dimensions
		mil	mm			
3M™ EMI Absorbers	AB6005S	60	1.5 backing + adhesive thickness	7010321498	WX-3009-5206-5	210 mm x 297 m
	AB7010HF	5.2	0.13 backing + adhesive thickness	7100057094	WX-3009-4417-9	210 mm x 297 m
	AB7030HF	14	0.35 backing + adhesive thickness	7100078591	WX-3009-4415-3	210 mm x 297 m
	AB7050HF	22	0.55 backing + adhesive thickness	7100084010	WX-3009-4414-6	210 mm x 297 m

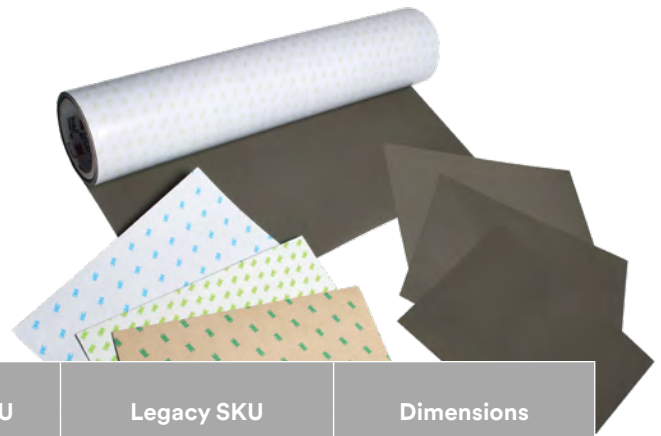
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3M™ Flux Field Directional Materials

Type of Tape	Product Number	Thickness		SAP SKU	Legacy SKU	Dimensions
		mil	mm			
3M™ Flux Field Directional Materials	EM80KM-005-1	2	0.050 total thickness	7010297939	WX-3009-2706-7	50 mm x 10 m
	EM25TP-0050-A10	2	0.050 magnetic layer thickness	7100229465	WX-3009-5519-1	320 mm x 320 mm
	EM25TP-0100-A10	4	0.10 magnetic layer thickness	7100233156	WX-3009-5520-9	320 mm x 320 mm
	EM25TP-0200-A20	8	0.20 magnetic layer thickness	7100233639	WX-3009-5521-7	342 mm x 350 mm

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3M™ Electrically Conductive Gasket Tape

Type of Tape	Product Number	Thickness		SAP SKU	Legacy SKU	Dimensions
		mil	mm			
3M™ Electrically Conductive Gasket Tape	MSG6100F	40	1.0 approx. tape thickness	7100180560	XF-0038-5420-5	385 mm x 10 m

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