

Standard Aluminum Foil Tapes

Product Number	Backing Thickness (mils)	Total Thickness (mils)	Liner/SW (self-wound)	Adhesive	Adhesion to Steel oz./in. (N/100 mm)	Tensile Strength lbs./in. (N/100 mm)	Temperature Range °F (C°)	Features
ASTM Test Method:		D-3652	D-3652		D-3330	D-3759		
Premium Performance Aluminum Foil Tapes								
425	2.8	4.6	SW	Acrylic	47 (51)	30 (525)	-65 to 300°F (-54 to 149°C)	Most versatile aluminum tape. L-T-80B, SAE AMS T-23397, UL 723 Classified, UL 746C Recognized, F.A.R. 25.853.
427	2.8	4.6	Liner		50 (55)	30 (525)		Linered version of 425.
431	1.9	3.1	SW		41 (45)	19 (338)		Conformable aluminum tape. UL 723 Classified.
433	2.0	3.6	SW	Silicone	40 (44)	20 (350)	-65 to 600°F (-54 to 316°C)	Silicone adhesive for high temperature resistance; MIL-T-47014, F.A.R. 25.853, UL 746C Recognized; smooth easy unwind; clean, straight edges with minimal wrinkling.
433L	2.0	3.5	Liner		38 (42)	20 (350)		Linered version of 433.
438	5.0	7.2	SW	Acrylic	43 (47)	59 (1033)	-65 to 300°F (-54 to 149°C)	Thickest non-reinforced aluminum tape for heat resistance; smooth easy unwind; clean, straight edges with minimal wrinkling. UL 723 Classified.
439	1.9	3.1	Liner		41 (45)	18 (315)		Linered version of 431.
3338	5.0	7.0	Liner		45 (49)	50 (876)	-30 to 300°F (-34 to 149°C)	66 lb. moisture stable liner.
33801	2.0	4.0	Liner		40 (44)	20 (350)	-30 to 425°F (-34 to 218°C)	High temperature acrylic adhesive at 425°F. UL 723 Classified.
33806	3.0	5.0	Liner	Acrylic	40 (44)	30 (525)		High temperature acrylic adhesive at 425°F
General Purpose Aluminum Foil Tapes								
3311	2.0	3.6	Liner	Rubber	90 (98)	17 (298)	-10 to 180°F (-23 to 82°C)	UL 723 listed.
3369	1.2	2.4	Liner	Acrylic	35 (38)	10 (180)	-30 to 260°F (-34 to 127°C)	Thinnest aluminum foil tape. UL 723 Classified.
3381	1.4	2.7	Liner		40 (44)		-30 to 250°F (-34 to 121°C)	40 lb. natural kraft paper liner. UL 723 Classified.
1449	1.4	2.6	SW		37 (40)	19 (333)	-25 to 250°F (-32 to 121°C)	1.4 mil backing; thin aluminum foil tape for conformability.
33803	1.8	3.6	Liner	Rubber	90 (99)	15 (263)	0 to 175°F (-18 to 79°C)	High tack rubber adhesive. 40 lb. liner. UL 723 Classified.
97065	1.8	3.25	Liner	Acrylic	40 (44)		-30 to 250°F (-34 to 121°C)	60 lb. moisture stable liner. Good for die-cut applications.
1450	1.9	3.1	SW	Rubber	114 (125)	19 (333)	-40 to 200°F (-40 to 93°C)	High tack adhesive for good, instant adhesion to many surfaces.
3380	2.0	3.25	Liner	Acrylic	40 (44)	10 (175)	-30 to 260°F (-34 to 127°C)	40 lb. natural kraft paper liner. Good for narrow slit rolls. UL 723 Classified.
4380	2.0	3.25	SW		40 (44)	10 (175)	-30 to 300°F (-34 to 149°C)	General purpose aluminum foil tape.
34383	2.8	4.5	SW		40 (44)	30 (525)	-30 to 260°F (-34 to 127°C)	General purpose aluminum foil tape.
3363	3.0	5	Liner					40 lb. natural kraft paper liner. Good for narrow slit rolls. UL 723 Classified.
3367	3.0	4.4	Liner					66 lb. moisture stable liner. Good for die-cut applications.

This data has not been verified. Additional testing is required.

NOTE: This technical information and data should be considered representative or typical only and should not be used for specification purposes.



Conformable 3M™ Aluminum Foil Tape securely holds copper cooling tubes to refrigerator panels. Thermal conductivity helps maximize cooling efficiency.