

Lamart's High Temperature & Heat Reflective Tapes

Lamart offers a broad range of pressure sensitive (PS) tapes designed to withstand a variety of high temperature environments in automotive, aerospace, marine and industrial applications. Laminated tapes, which combine a highly reflective aluminum foil bonded either to glass cloth or polyester (PET) film, are available with silicone, high temperature acrylic or standard acrylic adhesives. Another group of high temperature, heat reflective products is Lamart's aluminum foil tapes, available in 3 thicknesses, and featuring a durable acrylic PS adhesive. An economical, 1 mil, metalized PET rounds out this diverse line of high temperature, heat reflective PS tapes.

Details are as follows:

KEY:

Product Name	Tape Backing	Adhesive	Total ** Thickness	Peel Adhesion	Tensile	Elong-ation	Service Temp***	Comments
Aluminum foil (AL)			Pressure sensitive adhesive (PSA)					
Glass cloth (GC)			Silicone (Si)					
Polyester film (PET)			High temperature (HT)					
Metalized PET (MPET)			Release liner (L)					
390	1 mil AL/GC	Si	6.5 mils	50 oz./in.	90 pli	5%	-60 to 600°F	Highest service Temperature
396-L*	1 mil AL/GC	High peel/tack acrylic	4.5 mils	50 oz./in.	90 pli	5%	-40 to 300°F	HT Acrylic PSA
326	0.35 mil AL/1 mil PET	Acrylic	1.8 mils	44 oz./in.	25 pli	130%	-40 to 250°F	AL reflects heat, PET adds strength
331-L	0.35 mil AL/0.48 mil MPET	High peel/tack acrylic	2.5 mils	55 oz./in.	15 pli	50%	-40 to 300°F	HT Acrylic PSA
10181-L*	0.35 mil AL/0.48 mil PET	Acrylic	3.8 mils	45 oz./in.	15 pli	90%	-40 to 250°F	Excellent resistance to fluids
601	1 mil MPET	Acrylic	2.0 mils	44 oz./in.	24 pli	130%	-40 to 250°F	Good for tabbing & fastening
211-L	1 mil AL	Acrylic	2.0 mils	37 oz./in.	6 pli	5%	-40 to 250°F	Highly conformable
215-L	2 mil AL	Acrylic	3.0 mils	45 oz./in.	13 pli	5%	-40 to 250°F	Highly conformable
213-L	3 mil AL	Acrylic	4.0 mils	50 oz./in.	26 pli	5%	-40 to 250°F	Strong & conformable
516-L	1.6 mil AL	Acrylic	3.2 mils	73 oz./in.	13 pli	4.8%	-40 to 302°F	Economical; High peel adhesion
520-L	2.0 mil AL	Acrylic	3.6 mils	73 oz./in.	17 pli	5.6%	-40 to 302°F	Economical; High peel adhesion
530-L	3.0 mil AL	Acrylic	4.8 mils	65 oz./in.	29 pli	12%	-40 to 302°F	Economical; High peel adhesion

* No delaminating in standard industrial fluids

** Total thickness does not include release liner

*** Service temperatures may be higher, depending on the type of heat energy generated and the distance between the tape and the heat source

NOTE: Values are not intended for Engineering Specifications. User shall be responsible for determining the suitability of the product for the intended application, and the user assumes all risk and liability in the use of the product. Seller assumes no liability beyond the replacement value of the material.



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