3M

High Temperature Aluminum Foil Tape

433 • 433L (Linered)

Technical Data	ONETH IN THE		4.1			T. 400 l		11 .	
Product Description	3M TM High Temperature Aluminum Foil Tape 433 has a silicone adhesive that c used in many high temperature applications. Also comes in an easy-release film								
Product Construction	Backing	Adhes	sive	Color		Liner (3M tape 433L)		Standard Roll Length	
	Aluminum foil (Alloy 1100-0)	Silicon (clear)	е	Shiny silver		Clear, easy- release film		60 yds. (55 m)	
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Typical Physical Properties		_				and data should led for specification		oses.	-
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Features

• Flame resistant – meets requirements of F.A.R. 25.853(a).

Temperature Use Range:

Permanent Appl. Removable Appl.

Weight:

- 3MTM High Temperature Aluminum Foil Tape 433L can easily be die-cut into special sizes or shapes.
- Best results obtained when applied to a clean surface above 32°F (0°C), but tape can be applied from 0°F to 200°F (-18°C to 93°C).

-65° to 600°F (-54° to 316°C)

-65° to 375°F (-54° to 190°C)

0.0096 lbs./yd./in. width (.0049 kg/m/24 mm)

D-3833

• Performance range from -65°F to over 600°F (-54°C to over 316°C). Adhesive will gradually thermoset at high temperatures. As it thermosets, the adhesive mass becomes firm and gradually loses its pressure sensitivity but will continue to hold the tape in place.

3M[™] High Temperature Aluminum Foil Tape

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Application Ideas

- Moisture barrier around doors and windows to help prevent fogging of glass.
- Seal for automotive air bag inflators.
- To hold insulation on hot air ducts in industry.
- Cover resistance wire heating elements to distribute the heat.
- Splice jumbo rolls of aluminum foil or holding the last lap of narrow width rolls in preparation to annealing the rolls.
- Ideal as a heat reflective wrap along or over insulations, applied to tubes, engine support structures, missile ground handling equipment, or as a protector from other heat source areas such as hot areas in steel mills.
- Good holding, splicing, patching or general protecting tape on many applications involving high temperatures.

Storage

Store under normal conditions of 60° to 80° F (16° to 27° C) and 40 to 60% R.H. in the original carton.

Shelf Life

To obtain best performance, use this product within 18 months from date of manufacture.

Product Use

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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards



Industrial Adhesives and Tapes Division
3M Center, Building 21-1W-10, 900 Bush Avenue
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (fax)

