

Technical Data Sheet

ELAN-Flex HT-240 GP/S Tape

Insulating Tape for Electronic Application

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ELAN-Flex HT-240 GP/S Tape

Product Description

ELAN-Flex HT-240 GP/S Tape is a polyimide film silicone tape with ELAN-Flex HT-240 GP Polyimide film and high performance silicone adhesive.

Areas of Application

ELAN-Flex HT-240 GP/S Tape can be used in a variety of electrical and electronic insulation applications: FPCB/PCB protection and hi temperature protection, insulation for motor, generator and transformer etc., insulation for capacitor and other electronic components, and other electrical and electronic application.

Features and Benefits

- Balance of mechanical, electrical and chemical properties
- High tensile modulus
- No remaining adhesive after peeled.

Packaging

Standard Width : 500mm
 Core ID : 77.2±0.2mm
 Length : 33±0.5mm
 Width tolerance : ±0.3mm
 for small roll
 *Length only available in 10 and 20 m

Health & Safety

ELAN-Flex HT-240 GP/S tape is designated as non-hazardous and halogen free.

Shelf life

Under proper storage conditions (25°C, <65% r.h.), ELAN-Flex HT-240 GP/S Tape can be maintained in excess of six months

Typical Properties and performance of Material as Supplied

Property	Test Method	Unit	Value					
			GP25/S25	GP25/S30	GP25/S38	GP25/S43	GP50/S35	GP200/S50*
Carrier	ASTM D1000	µm	25± 5	25± 5	25± 5	25± 5	50± 5	200± 5
Adhesive	ASTM	µm	25± 5	30± 5	38± 5	43 ± 5	35± 5	50 ± 5
Thickness	D1000	µm	50	55	63	68	85	250
Coor			Amber					
Peeling Strength (min)	ASTM D3300	N/ in	4.5	4.5	4.5	6.0	6.0	6.0
Tensile Strength (min)	ASTM D3759	N/ in	110	110	110	110	150	650
Elongation(min)	ASTM D3759	%	30	30	30	30	40	55
Dielectric Strength (min)	ASTM D149	KV	4.5	4.5	4.5	4.5	6.0	18
Thermal index	UL 510		200-220					
Operating Temperature		°C	-73 to 260					

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