

TECHNICAL DATA SHEET

POLYESTER FILM TAPE - RED

DESCRIPTION

Manufactured from 1 mil polyester film with 3 mils highly efficient silicone adhesive. It is suitable to be an excellent masking tape for powder coating, plating and anodizing.

APPLICATION

High temperature general-purpose masking, holding, protection. Apply tape to clean surface and then apply pressure via a roller or squeeze to ensure tape creates an effective masking seal.

PRODUCT BENEFITS

- High tack and adhesion offering masking protection
- Removal from substrates without adhesive transfer or residue
- Resisting tear, break and corrosive chemicals
- High heat resistance (230C/1hr)
- Comply with UL material specification

TECHNICAL DATA

Item	Test Method	Normal
Adhesive		Silicone
Carrier		PET Film
Carrier Thickness (mil/mm)	ASTM D 1000	1.00 / 0.025
Total Thickness (mil/mm)	ASTM D 1000	4.0 / 0.100
Color		Red
Adhesion to Steel (N/25mm)/(g/25mm)/(oz/in)	ASTM D 1000	11 / 1125 / 40
to PE (N/25mm)/(g/25mm)/(oz/in)	ASTM D 1000	11 / 1125 / 40
to PVC (N/25mm)/(g/25mm)/(oz/in)	ASTM D 1000	13 / 1300 / 46
Tensile Strength (N/25mm)/(kg/25mm)/(lb/in)	ASTM D 1000	117.6 / 12 / 26.4
Elongation (%)	ASTM D 1000	115
Dielectric Strength (kV)	ASTM D 149	6.0
Class of Insulation (C)	UL 510	B / 130
Range of Temperature (C/F)		-73~177 / -100~350
Tape Length (m)		66
Tape Width (mm)		975 available

The above values are typical values and should be used only as a guide. Due to the nature of process variables, Echo makes no warranty or guarantee on the use of this product in a specific process and user should always test material in their own process before running production.