



innovation by design

TECHNICAL DATA SHEET

POLYESTER FILM TAPE – HI-TEMP RUSTY RED

DESCRIPTION

Rusty red is a hi-temp tape manufactured from 2 mil polyester film with 1.8 mil of rusty silicone adhesive.

APPLICATION

For use in low-temp and high-temp powder coating and e-coating.

PRODUCT BENEFITS

- Ultra-High temperature resistance for cycles at 225C/437F
- Removal from substrates without adhesive transfer of residue
- Resisting tear or break
- Excellent resistance to corrosive chemicals

TECHINICAL DATA

Item	Test Method	Normal	Min.
Adhesive		Silicone	
Backing		PET Film	
Carrier Thickness (mil/mm)	ASTM D 1000	2.00 / 0.050	
Total Thickness (mil/mm)	ASTM D 1000	3.56 / 0.089	3.48 / 0.087
Color		Rusty Red	
Adhesion to Steel (N/25mm)/(g/25mm)/(oz/in)	ASTM D 1000	8.8 / 900 / 32	7.8 / 800 / 28
Tensile Strength (N/25mm)/(kg/25mm)/(lb/in)	ASTM D 1000	196 / 20 / 44	176 / 18 / 40
Elongation (%)	ASTM D 1000	100	80
Dielectric Strength (kV)	ASTM D 149	7.0	6.0
Class of Insulation (C)	UL 510	B / 130 UL	
Service Range of Temperature (C/F)		-73~177 / -100~350	
Tape Length (m)		66	
Tape Width (mm)		0~975	

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.