

INSULATES ADHESIVE LINED RoHS WATER PROOF

FIX-105 is an environmental friendly heat melted adhesive lined cross-linked polyolefin tape. This product is used primarily for the electrical repair industry.



Specifications

- Temperature Rating: Full Recovery 105°C
- Continuous Operating -55°C to 105°
- C Minimum Shrink Temperature: 100°C
- Completely Shrunk at: 105°C

Applications

- Repair for Damaged Cables
- Offers Protective Layered Insulation for cable joints Water Proofing
- Protects Against Corrosion on Pipes
- Insulation for Bus Bars in Switch Gear
- Cupboards and Power Stations
- Seals to Most Types of Electrical Cables and Pipes

FIX-105 Dimensions

Part No.	Standard Width	Standard Thickness	Standard Length
FIX-105-25-0	25	0.8	25
FIX-105-50-0	50	0.8	25
FIX-105-100-0	100	0.8	25
FIX-105HW-25-0	25	1.0	25
FIX-105HW-50-0	50	1.0	25

Properties			
Property	Test Method	Standard	Typical Performance
Tensile Strength (MPa)	ASTM D2671	≥ 10.4	11.5
Elongation (%)	ASTM D2671	≥ 300	450
Tensile Strength After Aging (MPa)	UL224 158°C, 168hr	≥ 7.3	8.5
Elongation After Aging (%)	UL224 158°C, 168hr/168hr	≥ 200	350
Dielectric Strength (kV/mm)	IEC243	≥ 15	17.5
Volume Resistivity (Ω .cm)	ASTM D876	≥ 1x10 ¹⁴	2.5x10 ¹⁴

Adhesive Properties		
Property	Test Method	Standard
Water Absorption (%)	ASTM D570	≤ 0.2
Softening Point (°C)	ASTM E28	95
Strength of Peeling (PE)	ASTM D 1000	120N/25mm
Strength of Peeling (AL)	ASTM D 1000	80N/25mm

Ordering Information

- Colors: Red, Yellow, Green and Black
- Standard Packaging: 25 FT Per Roll, 10 Rolls Per Box
- Part No. Example: FIX-105-25-0 = Black 25mm Heat Shrinkable Tape

Flame Retardant FIX-105 is available upon request