

**ADHESIVE LINED
RoHS COMPLIANT
WATERPROOF**

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

Features

- 4:1 shrink ratio
- Continuous Operating -45 to 125°C
- Completely Shrunk at: 120°C



Applications

- Repair of Damaged Cables
- Waterproof Insulation for Cable Joints
- 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

Tubing Physical and Electrical Properties

Property	Test Method	Standard	Typical
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	≥ 200	350
Dielectric Strength, kV/mm	IEC243	≥ 15	17.5
Volume Resistivity, Ω -cm	ASTM D876	$\geq 10^{14}$	2.5×10^{14}

Adhesive Physical 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

Dimensions

Part Number	Standard Width	Standard Thickness	Length
	mm	mm	ft
FIX-105-25-0-25	25	0.8 ± 0.10	25
FIX-105-25-0-50	25	0.8 ± 0.10	50
FIX-105-50-0-25	50	0.8 ± 0.10	25
FIX-105-100-0-25	100	0.8 ± 0.10	25
FIX-105-100-0-50	100	0.8 ± 0.10	50
FIX-105HW-25-0-25	25	1.0 ± 0.10	25
FIX-105HW-25-0-50	25	1.0 ± 0.10	50
FIX-105HW-50-0-25	50	1.0 ± 0.10	25
FIX-105HW-50-0-50	50	1.0 ± 0.10	50
FIX-105-25-2-25	25	1.0 ± 0.10	25
FIX-105-50-2-25	50	1.0 ± 0.10	25
FIX-105HW-100-0-100	100	1.0 ± 0.10	100
FIX-105HW-100-0	100	1.0 ± 0.10	25

Ordering Information

Colors: Red, Yellow, Green and Black

Standard Packaging: 25 FT Per Roll, 10 Rolls Per Box

Part No. Example: FIX-105-25-0-25 = Black 25mm Heat Shrinkable Tape, 25 FT Roll

Flame Retardant FIX-105 is available upon request