

BITU TAPE™

Polymer Bitumen Based Hot Applied Tape System



An ISO 9001:2015 Certified Company

PRODUCT DESCRIPTION

BITU TAPE is a torch applied polymeric Bituminous anti corrosive tape for pipe lines, designed to function under a wide range of climatic conditions. It's a specially formulated plasticized Bituminous composition reinforced with a high tensile strength fabric which weighs 50 gsm. Both sides of the foils have a polyethylene film to facilitate unrolling. The **BITU TAPE** - conforms to IS : 10221 specs.

ADVANTAGES

Raw water lines, Sewage pipe lines, Fire hydrant lines, Air lines, etc.,
Cooling Towers, Sprinkler systems, Foundations, etc.,
High water and electrical resistant. Excellent adhesion to metal surfaces.
Cathodic disbanding receptivity. Corrosion protection.
Excellent resistance to abrasion. Ease of application and low application cost.
Good flexibility and temperature susceptibility. Environment friendly.

STORAGE, HANDLING & SAFETY

BITU TAPE should be stacked properly in a cool dry covered area. Direct contact with sunlight & fire to be avoided. Gloves, Goggles, Boots & Masks recommended while application. Care to be taken during loading & unloading to avoid damages.

TECHNICAL CHARACTERISTICS

CHARACTERISTICS	VALUES	TEST METHOD
Available Thickness	2 mm to 4 mm	
Available Widths	100 mm to 1000 mm	
Available Length	10 mtrs	
Softening Point	> 120°C	ASTM D 36
Penetration at 25°C	20 max	ASTM D 5
Heat Resistance at 100°C	No Drip	ASTM D 146
Weight average kg/sq.m/mm	1.25	ASTM D 146
Tensile strength (kgs) 27 ±2°C - Long. / Width	50 / 30	IS : 10221-1982
Water absorption at 25°C	0.5%	ASTM D 543
Holiday Test Voltage	10 - 15 KV	IS : 10221-1982
Electrical Resistance	10 KV	IS : 10221-1982
Pliability	No Crack at 5°C	ASTM D 228
Corrosion Test	Satisfactory	IS : 10221-1982
FRP weight (gms. / sq.m)	50	

BITU TAPE - PRIMER

TECHNICAL SPECIFICATIONS

1. Flash Point - min 30°C	2. Viscosity (4mm nozzle at 20°C) - 40-60 Sec.	
3. Drying time - 30 min.	4. Solid contents - 45	5. Coverage - 7-8 sq.m/ltr

This data is subject to change / modify time to time due to continuous improvement of the products. Test results are given as per the tests conducted in the lab. The test results may vary due to climatic conditions.

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