

# DX2 Geosyntex, Inc.

## H-50 Liner Tape

TapeCoat® H-50 tape is designed for long term above and below ground use, providing many years of service, even in direct sunlight. It may be applied over a wide range of ambient temperatures. It will adhere to Polyethylene, Polypropylene, Hypalon, EPDM, Rubber, PVC, Steel, Aluminum, Fiberglass, Concrete, and many more materials.

**Composition:** Tapecoat® H-50 is composed of a tough, specially formulated multipolymer alloy film, MAF® with a Synthetic Elastomeric Adhesive. The adhesive is kept permanently bonded to its backing (while in roll form) by a tough, easily removed polymer release liner. The release liner prevents contamination of the adhesive prior to its use.

Property	US Customary	Metric	Test Method
Total Thickness	50 mils	1.27 mm	ASTM D1000
Backing Thickness	10 mils	0.25 mm	ASTM D1000
Adhesive Thickness	40 mils	1.02 mm	ASTM D1000
Cathodic Disbondment, 30 days	<0.4 in <sup>2</sup> (No Primer)	<10 mm radial (No Primer)	ASTM G8
Adhesion to Printed Steel	12.5 lbf/in	2.20 N/mm	ASTM D1000
Adhesion to Backing (Self)	8 lbf/in	1.41 N/mm	ASTM D1000
Tensile Strength	75 lbf/in	13.1 N/mm	ASTM D1000
Elongation	10%	10%	ASTM D1000
Dielectric Strength	Exceeds 12 kV	Exceeds 12 kV	ASTM D149
Holiday Detection Setting	8800 V	8800 V	NACE RP0274
Impact Resistance	14 in lb	1.6 J	ASTM G14
Puncture Resistance	200 lbf	890 N	ASTM D1000
Water Vapor Transmission Rate	<0.01 g/(24h*100 in <sup>2</sup> )	<0.05 g/(h*m <sup>2</sup> )	ASTM E96 Method B
Water Absorption	<0.5%	<0.5%	ASTM D570
Leachable Chlorides	None	None	
Service Temperature Range	-20°F to +140°F	-29°C to +60°C	

**Surface Preparation:** Moisture, dust, rust, aquatic growth, oil, wax, silicone, and any foreign substance that may interfere with adhesion should be removed with a suitable detergent, rinsed thoroughly and dried. We do not recommend the use of Solvents as they may leave a residue that can impede adhesion.

**Tape Application:** Tapecoat® H50 Tape is applied by removing the release liner and pressing the adhesive to the clean surface.

