

DENSOPOL 60 & 60HT TAPE

Heavy Duty PVC/Bitumen Fabric-Reinforced Tape

Description

Densopol 60 & 60 HT is a cold applied, synthetic fabric reinforcement coated with rubber bitumen adhesive and backed with a PVC film.

Uses

For the anti-corrosion protection of buried or immersed pipes and fittings. The tapes can be applied by hand or machine to weld joints, bends, bare pipe lengths and pipe fittings.

Features

- Applied to marginally prepared surfaces (SSPC SP 2-3)
- Cold applied
- Good conformability
- Good impact resistance
- Excellent adhesion to pipe and self
- Excellent resistance to cathodic disbonding
- Compatible with common pipe coatings

Application

Prepare surfaces by removing all loose scale, rust or other foreign matter by wire brush. Surface must be clean, dry and free of grease. Apply thin film of Denso Primer D to all surfaces to be protected and allow to dry. Peel back interleaving and apply adhesive side of the tape to the primed surface and press down. Apply the tape spirally with enough tension to make it conform. Remove interleaving as wrapping proceeds. Overlap each turn by at least 1" (25 mm) or 55% to achieve double thickness.

Irregular surfaces such as valves, flanges, etc. may require the use of Densyl Mastic or Denso Profiling Mastic. Refer to the product sheets for these specific products for information on application and selection.



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Property Specifications

PROPERTIES	DENSOPOL 60		DENSOPOL 60HT	
	ENGLISH	METRIC	ENGLISH	METRIC
Thickness (ASTM D1000)				
Backing	3 mils	0.085 mm	3 mils	0.085 mm
Adhesive	61 mils	1.515 mm	61 mils	1.515 mm
Total	64 mils	1.60 mm	64 mils	1.60 mm
Weight	.37 lbs/ft ²	1.8 kg/m ²	.37 lbs/ft ²	1.8 kg/m ²
Breaking Strength (ASTM 1000)	45 lbf/in.	8 N/mm	45 lbf/in.	8 N/mm
Tear Strength (ASTM 1004)	4.5 lbf	20 N	4.5 lbf	20 N
Elongation @ Break	22%	22%	22%	22%
Adhesion Peel Strength (ASTM D1000)				
To Primed Steel	14.3 lbf/in.	2.5 N/mm	17.1 lbf/in.	3.0 N/mm
To Self	14.3 lbf/in.	2.5 N/mm	14.3 lbf/in.	2.5 N/mm
Impact Strength (ASTM G-14)	22.8 lbf/in.	4 N/mm	28.5 lbf/in.	5 N/mm
Dielectric Strength	20 kV	20 kV	20 kV	20 kV
Resistance to Cathodic Disbondment (ASTM G-8 30 Days Group B)	.54 in ² avg.	350 mm ² avg.	.54 in ² avg.	350 mm ² avg.
Temperature Range				
For Application	41°F to 113°F	5°C to 45°C	59°F to 122°F	15°C to 50°C
For Service	140°F	60°C	167°F	75°C
Recommended Holiday Test Voltage				
Single Layer	10 kV	10 kV	10 kV	10 kV
Double Layer	15 kV	15 kV	15 kV	15 kV
Roll Widths	2", 4", 6"	50, 100, 150 mm	2", 4", 6"	50, 100, 150 mm
Roll Length	33 ft	10 m	33 ft	10 m
Recommended Primer	Denso Primer D		Denso Primer D	
Color (Backing)	Black		Black	

Quantity Estimates

Tape Width	Tape Length	Rolls/ Case	Coverage with 1" (25 mm) Overlap	Coverage with 50% Overlap
			ea.	ea.
2" (50 mm)	33' (10 m)	24	59 ft ² /case	59 ft ² /case
4" (100 mm)	33' (10 m)	12	99 ft ² /case	59 ft ² /case
6" (150 mm)	33' (10 m)	8	109 ft ² /case	59 ft ² /case



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