

# Densopol 80

Extremely tough cold applied laminate tape

## Composition

Synthetic fibre fabric impregnated and coated with polymer modified bitumen compound laminated to thick PVC sheeting. The compound surface is protected by a plastic film interleaving which is discarded during application. The combination of PVC backing and fabric reinforced polymer bitumen compound makes it extremely resistant to damage by sharp objects e.g. poor backfill.

## Uses

Densopol 80 is used for the protection of buried or sub-marine pipes, welded joints, bends and fittings. It is suitable for application by hand or machine on medium to large diameter pipes.

Service Temperature: -20°C to +60°C

## Characteristics

Densopol 80 is:

- suitable for use on pipelines,
- resistant to cathodic disbondment, and
- resistant to acid, alkali and salts.

## Typical properties

Total Thickness	2.0 mm	ASTM D1000
Backing Film Thickness	500 µm	ASTM D1000
Elongation at break	22%	ASTM D1000
Breaking strength	10 N/mm	ASTM D1000
Adhesion		
to steel	2.2 N/mm	ASTM D1000
to self	2.2 N/mm	
Impact resistance	9 Nm	ASTM G14
Dielectric strength	>20 kV/layer	ASTM D1000
Insulation resistance	10 <sup>6</sup> MΩ	ASTM D257
Tear strength	36N	ASTM D1004

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