

DENSO BUTYL S43HT INNERWRAP TAPE

DESCRIPTION

Denso Butyl S43HT Tape is a 3ply (Butyl / Polyethylene / Butyl) composite tape Consisting of a Black Butyl Adhesive Outer Layer and a Grey Butyl Adhesive Inner Layer, specially developed as a heavy duty innerwrap for spiral wrapping (55% overlap) over the externals of steel pipes for primary corrosion prevention.

Denso S43HT Tape is an integral component of the Denso RP3-1 Butyl Tape system (Din EN12068)

Which Comprises:

- *Denso P16HT Butyl Primer*
- *Denso Butyl Mastic Strip (Where Required)*
- *Denso S43HT 3 Ply Self Amalgamating Innerwrap (55% overlap)*
- *Denso R23 2 Ply Outerwrap (55% overlap)*

The Denso RP3-1 System is designed for the corrosion prevention of pipeline, joints, welds, bends and fittings.

SAFETY

Normal hygiene procedures. Wash hands thoroughly with soap and water or a proprietary hand-cleaner prior to eating or smoking. Launder contaminated clothing, gloves, etc.

STORAGE

Store in original containers in a cool, dry place.

Wrapped pipe should not be left exposed to direct sunlight for longer than fourteen (14) DAYS.

DENSO BUTYL S43HT INNERWRAP TAPE (Cont.)

TYPICAL PROPERTIES	TEST METHOD	DATA
Thickness		
- Adhesive Thickness (external)	ASTM D1000	0.152mm
- Adhesive Thickness (internal)	ASTM D1000	0.356mm
- Backing Thickness	ASTM D1000	0.305mm
- Total	ASTM D1000	0.813mm
Tensile Strength	DIN EN 12068	65 N/10mm width
Elongation @ Break @ 23°C	DIN EN 12068	400%
Tear Resistance	DIN 53515	140 N/mm
Lap Shear Strength	DIN EN 12068	0.06N/mm ²
Peel Strength		
- To Pipe Surface @ 23°C	DIN EN 12068	1.70 N/mm
- To Pipe Surface @ 50°C	DIN EN 12068	0.20 N/mm
- Inner Layer – Inner Layer @ 23°C	DIN EN 12068	2.00 N/mm
- Inner Layer – Inner Layer @ 50°C	DIN EN 12068	0.27 N/mm
- With Primer on PE @ 23°C	DIN EN 12068	1.20 N/mm
- With Primer on PE @ 50°C	DIN EN 12068	0.12 N/mm
Specific Insulation Resistance	DIN EN 12068	4 x 10 ¹¹ MΩ
Dielectric Strength	ASTM D 1000	30KV/mm
Water absorption @ 23°C	ASTM D 570	0.1%
Water Vapour Transmission	ASTM E 96	0.2g/m ² /24h
Temperature Range		
<i>For Application</i>		-35°C to +70°C
<i>For Service</i>		-35°C to +85°C
Roll Length		20m (other lengths to order)
Width		50-300mm
Core Size		76mm internal diameter

Important

Winn & Coales / Denso SA (Pty) Ltd pursue a policy to develop and continually improve all of our products and therefore the information given in this data sheet is intended as a general guide and does not constitute a warranty of specification. However, our sales personnel are committed to assist the user in establishing the suitability of the product for its intended purpose and additional specific information is available on request.

Denso SA (Pty) Ltd operate a Quality Management System registered to ISO 9001:2008.

Denso Butyl Tapes are made in Italy by ALTA ALTENE S.R.L