

Technical Data Sheet

Denso Petrolatum Tape

Description:	Shuk-Denso Petrolatum Tape is a cold applied tape which remains plastic over a wide temperature range. It is non-hardening and non-cracking. It is highly resistant to mineral acids, alkalis, salts and micro-organisms and highly impermeable to water, water vapour and gases. Used for the protection of buried or exposed pipes, rods, cables, valves and metal fittings from corrosion.
Composition:	Non-woven synthetic fabric carrier fully impregnated and coated with neutral petrolatum-based compounds and inert siliceous fillers.
Characteristics:	<ul style="list-style-type: none">• Stable in composition and plasticity over a wide temperature range• Non-hardening and non-cracking• Accommodates vibration and movement of substrate• Highly resistant to mineral acids, alkalis and salts• Will adhere and remain attached to clean, sound, wet or dry metal surfaces
Uses:	Shuk-Denso Petrolatum Tapes are designed to withstand extreme temperature variations. The tapes provide long term corrosion protection to pipes, flanges, valves and related surfaces.
Surface Preparation & Application:	Clean metal surfaces with a wire brush. Firmly adherent rust and scale need not be removed. A thin film of Shuk-Denso MP Primer should be applied before wrapping. Wrap tape without overstretching. Apply heavily coated side of the tape to the metal surface. Smooth down and mould by hand especially all overlapped edges. A 55 % overlap of tape should be applied to provide a double layer of tape. If the pipe has flanges or valves, they will need to be profiled with Shuk-Denso Mastic prior to applying Shuk-Denso Petrolatum Tape.
Recommended Temperatures:	Maximum Service Temperature: 55 degrees C
Storage:	In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.

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Dimensions:

DENSOPETT050	50mm x 10m Roll (24/Carton)
DENSOPETT075	75mm x 10m Roll (16/Carton)
DENSOPETT0100	100mm x 10m Roll (12/Carton)
DENSOPETT0150	150mm x 10m Roll (8/Carton)
DENSOPETT0200	200mm x 10m Roll (8/Carton)
DENSOPETT0300	300mm x 10m Roll (3/Carton)

Physical Properties:

Test	Test Methods	Units	Value
Thickness	ASTM D1000	mm	1.15mm avg.
Weight	ASTM D751	kg/m ²	1.44 kg/m ² avg.
Density	ASTM D1475	kg/L	1.03
Breaking Strength	ASTM DI000	N/mm	200N/50 mm min
Elongation at Break	ASTM DI000	%	10% avg.
Breakdown Voltage - 55% overlap	ASTM D149	kV	16 kV min.
Water Vapour Transmission ASTM E96 - 66 Procedure A	ASTM E96	g/ m ² .24hr	0.006 perms avg.
Resistance to Cathodic Disbonding - ASTM G-8 – (30 days)	ASTM G8, A (30 days)	mm ²	180mm ² avg.