

# Petroleum Tapes

<b>• Material:</b>	Petrolatum Impregnated Tape
<b>• Features:</b>	<ul style="list-style-type: none"><li>• Protects against corrosion and weathering effects of buried or exposed marine pipes, rods, cables, valves, joints, metal fittings and surfaces, tanks</li><li>• Non-hardening and non-cracking, which accommodates vibrations and extreme movement of the substrate</li><li>• Made of non-woven, stitch-bonded, synthetic fabric carrier, fully saturated with a natural petrolatum compound blended with inert filters and corrosion inhibitors</li><li>• High-degree of conformability allows or application over irregular surface profiles including gas utility, swere, potable water, mining and wastewater applications</li><li>• Stable in composition and plasticity over a wide temperature range</li><li>• Non-toxic, non-flammable with high dielectric strenght and highly resistant to mineral acids, alkalis and salts.</li><li>• Wear suitable gloves during application</li></ul>
<b>• Application:</b>	<p>Spirally wrapped using a minimum 55% overlap for all applications. For vertical applications the tape shall begin at the bottom and proceed up - providing a 'weatherboard' overlap.</p> <p>May apply longitudinally (i.e. 'cigarette wrap') when space is too restricted or confined to apply in the preferred spiral manner, with the overlap on the topside of the pipe.</p> <p>At the completion of each roll, smooth the overlaps by hand. Maintain a 100mm overlap when overlapping one roll with the end of a new roll.</p>



Item No.	Colour	W (mm)	L (m)
T41	Green	50	10
T45	Green	100	10

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## Technical properties:

Particulars	Properties	Technical Standard
Thickness	≥ 1.10 mm avg.	
Weight	≥ 1.44 kg/m <sup>2</sup> avg.	
Tensile strength	≥ 200 N/ 50 mm	ASTM D1000
Elongation at break	10% avg.	
Dielectric rigidity (55% overlap)	≥ 16 kV	ASTM G8
Resistance to Acids (10%Hcl)	Excellent	
Resistance Alkalies (10%NaOH)	Excellent	ANSI/AWWA C 209-00;
Resistance Salts (20% Nacl)	Excellent	
Resistance to Cathodic Disbonding	< 500 mm <sup>2</sup>	SY/T 0414-2007
Application temperature	-5 to +55 oC	
Service temperature	-50 to +75 oC	
Dropping Point	85 oC	
Length/Roll	10 meters	
Width/Roll	50/75/100/150 /200/300 mm	

The above information is given only as a guide, the user should ensure that the performance of the product is sufficient for application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Beal UK cannot be held responsible for product failure unless full testing has been carried out. The user has to decide on the tapes suitability for their own applications.