

## DENSYL KF™ TAPE

### Petrolatum Tape with Fire Retardants

#### Description

Densyl KF Tape is composed of a non-woven synthetic fabric carrier, fully impregnated with a neutral compound based on saturated petrolatum and inert siliceous fillers and non-toxic fire retardant additives. Resistant to surface spread of flame.

#### Uses

Densyl KF Tape are designed to withstand extreme temperature variations. The tapes provide long term corrosion protection to exposed or buried pipes, flanges, valves and related surfaces. Specially stabilised and pigmented for use above ground where appearance is important. It is also used as waterproofing of cables and thermal insulation where fire resistance is important.

#### Features

- Meets NACE RP0375-2006
- Applied to marginally prepared surfaces (SSPC SP 2-3)
- Conforms to irregular shapes and profiles
- UV resistant
- Can be applied to cold, wet surfaces
- Not effected by water, acid, salts or soil organics
- Encapsulation of lead paint
- Contains no solvents
- Easy application from arctic to tropical temperatures
- Ready for immediate service after application
- Meets AWWA C217 Standard
- Over a eighty year history of proven applications
- Can be applied above and below ground
- Contains fire retardant additives

#### Application

Prepare surfaces by removing all loose scale, rust or other foreign matter in accordance to SSPC SP2 "Hand Tool Cleaning" or SP3 "Power Tool Cleaning". High pressure water wash of 3,000 - 7,000 psi (20.68 - 48.26 MPa) is also suitable. Apply a thin film of Denso MP™ Primer. Spirally wrap the tape with a 55% overlap. While wrapping, press air pockets out and smooth all lap seams. For additional mechanical protection, an overwrap may be used to increase impact strength and electrical resistance.

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.



# Densyl KF™ Tape

## PROPERTY SPECIFICATIONS

PROPERTIES	VALUE
Colour	Grey
Thickness (ASTM D1000)	1.15 mm
Weight	1.44 kg/m <sup>2</sup>
Breaking Strength (ASTM 1000)	4 N/mm
Elongation @ Break	10% avg.
Breakdown Voltage (55% overlap)	16 kV min.
Resistance to Cathodic Disbonding (ASTM G-8 - 30 days)	< 500 mm <sup>2</sup> avg.
Resistance to Acids, Alkalies and Salts	Excellent
Fire Resistance - Surface Spread of Flame BS 476: Part 7:1971	Class 2
Temperature Range	
For Application	5°C to 55°C
For Service	-20°C to 70°C
Roll Length	8 m
Roll Widths	50 mm, 100 mm

## Quantity Estimates

Tape Width	Rolls*/Case	Coverage with 55% Overlap
in.	ea.	ea.
2" (50 mm)	24	46 ft <sup>2</sup> (4.3 m <sup>2</sup> )/case
4" (100 mm)	12	46 ft <sup>2</sup> (4.3 m <sup>2</sup> )/case

\*All rolls are 8 meters in length.



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