PRODUCT DATA SHEET

SeaShield™ Series 100 jacket

Outer Cover Jacket for SeaShield™ Series 100 System

Description

HDPE jacket supplied with a stiffening edge strip and strap locating markings.

Uses

Designed and custom made specifically to provide mechanical protection of Denso SeaShield™ Series 100 Systems in relatively sheltered splash and tidal zones on wharf, pier and jetty piles. Use in conjunction with Smart® Band Strapping.

Features

- High impact strength
- Abrasion resistant
- UV resistant
- Surpasses the strength of fibre reinforced plastics, PVC and liquid coatings
- Individually custom made to suit each pile
- Stable over a wide temperature range
- Non-hardening or cracking
- Contains no volatile components
- Accommodates vibration and movement of substrate
- Highly resistant to mineral acids, alkalis, salts and abrasion

Application

Refer to Denso application instructions for the SeaShield™ Series 100 systems. Install jackets with the reinforcing strip and markings located on the outside visible jacket overlap. Position and tighten Smart® Band strapping to secure jacket in place in accordance with application instructions. Once installed, no tape should be visible protruding from under the jacket surface.

Denso®

SeaShield™ Series 100 Jacket

Property Specifications

Properties	Value
Thickness	*2.0 mm*
Density	*0.94 g/cm^3*
Tensile Strength at Yield (ASTM D638)	*>16 N/mm^2*
Tensile Strength at Break (ASTM D638)	*50 N/mm^2*
Puncture Resistance (ASTM D4833)	*640 N*
Elongation at Break (ASTM D638)	*>600%*
Tear Resistance	*250 N*
Carbon Black Content (ASTM D1630)	*> 2%*
Application Temperature	*0°C to 35°C*
Service Temperature	*-30°C to 60°C*

SIZES AVAILABLE:
Standard height: 1.9 m.
Other sizes available by special arrangement.

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