

MarineGard 250HD Outer Cover

Product Description

Outer cover jacket protection for the PCS MarineGard Series 250HD System. A polyester fabric base, coated in PVC. Supplied with a weather resistant backing strip, fiberglass stiffening rods and stainless steel bolt sets for installation.

Product Characteristics

- High strength polyester base fabric
- Abrasion, weather and UV resistant
- Non hardening or cracking
- Contains no volatile components
- Stable over a wide temperature range
- Accommodates vibration and movement of substrate
- High chemical resistance to mineral acids, alkalis and salts
- Individually custom made to suit each pile
- Available in standard black. By request: red, green, white and yellow.

Product Uses

Designed and custom made specifically for the protection of wharfs, piers and jetty piles, as part of the PCS MarineGard Series 250HD System. Offers mechanical protection of petrolatum systems in relatively sheltered splash and tidal zone marine environments.

Product Application

Refer to the PCS Application Data Sheet for the MarineGard Series 250HD system.

Install jackets with the backing strip located behind the central fixing points. Install and tighten the stainless steel bolt sets. Once installed, no tape should be visibly protruding from under the jacket surface.

Product Properties

Property	Test Method	Value
Total Thickness	ASTM D1000	0.55 ± 0.05 mm
Total Weight	ASTM D751	650 ± 50 g/m ²
Break Strength	ASTM D751	≥50 N/mm
Elongation at Break	ASTM D751	35%
Puncture Resistance	ASTM D751	470 N
Puncture Resistance	ASTM D4833	1112 N
Tear Resistance – Tongue	ASTM D751	≥500 N
Tear Resistance - Trapezoidal	ASTM D751	≥180 N
Dimensional Stability @ 100°C	ASTM D1204	±1.5%
Low Temperature Bend	ASTM D2136	-34°C
Weathering Resistance	ASTM G23 Carbon-Arc	≥8000 h
Hydrostatic Resistance	ASTM D751	≥5510 kPa
Water Absorption @ 21°C	ASTM D471	25 g/m ² /7days
Water Absorption @ 100°C	ASTM D471	140 g/m ² /7days
Salt Spray Resistance	ASTM B117	≥1000 hours
Application Temperature		+5 to +50 °C
Service Temperature		-30 to +60 °C
Peak		+70 °C

IMPORTANT

All statements and data presented herein are given in good faith and believed to be appropriate and reliable. It is given without express or implied warrant or guarantee. Potential users of our materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use, prior to purchase.



Available Sizes

Dimensions:

Standard height:

Pile and system circumference – 3% x height
1.90 m. Other sizes available by request.

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