Approved Quality Management System AS/NZS ISO 9001:2008 Lloyds Register-Certificate No. MEL 0927759

Technical Data Sheet
SEASHIELD
SERIES 250HD JACKETS

Description:	Outer cover jacket protection for the Denso Seashield Series 250HD System.

Composition:	A polyester fabric base, PVC molecularly coated jacket. Supplied with a weather resistant backing strip, fibreglass stiffening rods and stainless steel bolt sets for installation.

Characteristics:	• specially designed high strength polyester base fabric • individually custom made to suit each pile • abrasion, weather and ultraviolet radiation resistant • stable over a wide temperature range • non hardening or cracking • contains no volatile components • accommodates vibration and movement of substrate • high chemical resistance to mineral acids, alkalis and salts

Uses:	Designed and custom made specifically for the protection of Denso Seashield Series 250HD Systems used on wharf, pier and jetty piles. The mechanical protection of petrolatum systems in relatively sheltered splash and tidal zone marine environments.

Surface Preparation & Application:	Refer to Denso Application Instructions for Seashield Series 250HD Systems. 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.

Recommended Temperatures:	Application: + 5 to + 50 °C Service: - 30 to + 60 °C Peak: + 70 °C
Storage:	Store in a cool, dry area away from direct heat and sunlight.
Available Sizes:	Dimensions: pile and system circumference - 3% x height Standard height: 1.90 M high. Other sizes available by special arrangement.

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Physical Properties:	Test	Method	Units	Value
	Total Thickness	ASTM D1000	mm	0.55 ± 0.05
	Total Weight	ASTM D751	g/m^2	650 ± 50
	Breaking Strength	ASTM D751	N/mm	≥ 50
	Elongation at Break	ASTM D751	%	35
	Puncture Resistance	ASTM D751 ASTM D4833	N	470 1112
	Tear Resistance Tongue Trapezoidal	ASTM D751	N	≥ 500 ≥ 180
	Dimensional Stability @ 100°C	ASTM D1204	%	± 1.5
	Low Temperature Bend	ASTM D2136	°C	- 34
	Weathering Resistance	ASTM G23 Carbon-Arc	Hours	≥ 8000
	Hydrostatic Resistance	ASTM D751	kPa	5510
	Water Absorption, @21°C @100°C	ASTM D471	g/m^2/7days	25 140
	Salt Spray Resistance	ASTM B117	hours	≥ 1000