

## MULTI-PURPOSE CORROSION PROTECTION SYSTEM FOR PIPES & FITTINGS



The Denso Multi-purpose long life corrosion protection system is a multi-component system which remains permanently plastic and flexible and offers excellent conformability and shelf-life. Based upon blended Petrolatum and selected inhibitors the system provides unrivalled corrosion protection in terms of surface preparation requirements and ease of application. It is ideal for in-situ and shop applications alike.

## Denso Petrolatum System

### 1. Denso Multi-Purpose Primer - Component 1

Wire brush dirt, loose rust etc. from substrate, apply primer by brush or gloved hand, working to obtain a full film cover on substrate.

#### Minimum Surface Conditions

- A. Damp, but no free droplets or water
- B. Free of loose rust, scales, mud, paint etc



### 2. Denso Mastic - Component 2

Where necessary contour all sharp and irregular profiles with Denso Mastic to ensure tape will not bridge or become perforated during wrapping or in service. Maximum service temperature 55°C. Where service temperatures exceed this limit, substitute with Densyl Mastic, suitable up to a maximum of 75°C.

### 3. Denso Tape - Component 3

Spirally apply tape without stretching, heavy compound side to work. Apply with 55% overlap to achieve consistent full double thickness of tape. Smooth tape by hand as wrapping proceeds to exclude voids, ensure intimate contact and seal tape overlaps. Select a tape width roughly equal to pipe dia. Maximum service temperature 55°C. Where service temperatures exceed this limit, substitute with Densyl Tape suitable up to a maximum of 75°C.



### 4. Denso MP/HD Tape - Component 4

Spirally apply tape without stretching. Apply with a 55% overlap to achieve consistent full double thickness. Select a tape width roughly equal to pipe diameter. Overwrap will afford mechanical protection against back fill, stray electrical current and possible leaching actions.

# Technical Data:

## DENSO MULTI-PURPOSE LONG LIFE CORROSION PROTECTION SYSTEM PIPE & FITTINGS PETROLATUM SYSTEM

**Denso Quantity Estimate - Continuous Wrapping - Pipe, Tube, Rod Bar etc. Per 100 Lineal Metres**

NOMINAL BORE	O.D.	DENSO PRIMER	DENSO TAPE	xWIDTH	DENSO MP/HD OVERWRAP	xWIDTH
13mm	21mm	1.3kg	63 rolls	25mm	11 rolls	50mm
19	27	1.7	40	50	14	50
25	34	2.1	50	50	17	50
32	43	2.7	42	75	21	50
38	48	3.0	47	75	24	50
50	60	3.8	59	75	30	50
63	76	4.8	56	100	19	100
76	89	5.6	65	100	22	100
89	102	6.4	75	100	25	100
102	114	7.2	56	150	19	150
127	140	8.8	68	150	23	150
152	165	10.6	83	150	28	150
178	190	11.9	93	150	31	150
203	216	13.8	107	150	36	150
229	241	15.4	89	200	40	150
254	267	17.2	98	200	44	150
305	318	20.4	117	200	52	150
356	356	22.4	131	200	58	150
381	381	24.0	140	200	62	150
406	406	25.5	149	200	67	150
457	457	30.0	168	200	75	150
508	508	32.0	187	200	83	150
609	609	38.0	224	200	100	150
660	660	41.4	242	200	108	150
711	711	44.6	261	200	116	150
762	762	47.8	280	200	124	150
915	915	57.4	336	200	149	150
1070	1070	67.0	392	200	175	150
1220	1220	76.6	447	200	199	150

NOTE: The above quantities are approximate only and depend upon application conditions

### OTHER CORROSION PROTECTION & SEALING SYSTEMS AVAILABLE FROM DENSO:

#### PIPELINE

- Denso Petrolatum Systems
- Densopol Systems
- Denso Ultraflex Tapes
- Denso Heat Shrink Sleeves
- Denso Butyl Tape System S43 / R23

#### CIVIL/ROAD

- Denso Void Filler for Stressed Tendon Sleeves
- External Joint Seals for Reinforced Concrete Culverts

#### PROCESS

- Denso Steelcoat
- Denso Petrolatum Spares Protection
- Denso -Ramic Trowellable Ceramic
- Archco Glassflake Relining Systems (Component Rebuild)
- Archco Glassflake Tank Linings
- Archco Reinforced Bund Linings

#### MARINE

- SeaShield Wharf Pile Systems
- Denso Dry Cargo Tape
- Denso Steelcoat Systems

All statements/data presented herein are given in good faith and believed to be appropriate and reliable. However, it is given without express or implied warranty 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.



Approved Quality Management System  
AS/NZS ISO 9001:2000  
Loyds Register - Certificate No. MEL 0927759



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