

DENSOPOL & DENSOCCLAD TAPES

DENSOPOL 60, DENSOPOL 80, DENSOCCLAD 40,
DENSOCCLAD 50, DENSOCCLAD 70, (Including tropical versions).

INSTRUCTIONS FOR USE

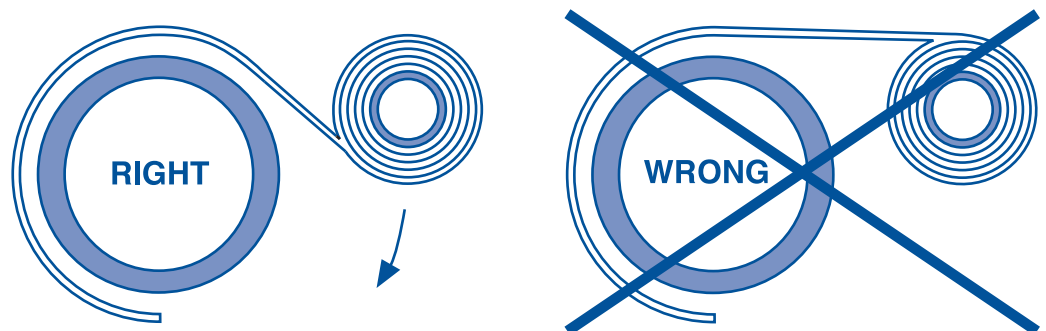
- Use:** For the long term protection of buried pipe, tension rods, tie bars and fittings.
- Surface Preparation:** Surfaces must be clean, dry and free from grease. Remove all loose rust, scale and flaking coatings by wire brushing to Swedish Standard St 3 or abrasive blast clean to Swedish Standard Sa 2 ½.
- Priming:** Brush apply one coat of Denso Primer D over the entire area to be wrapped. Allow to dry for 20 minutes or until touch dry.

Application Temperatures and Holiday Detection Voltages

For ease of application, avoid using tape stored under very cold conditions. See Storage overleaf.

		Application Temperature		Holiday Detection Voltage	
		Minimum	Maximum	1 layer	2 layers
Standard	Densopol 60	+5°C	+45°C	10 kV	15 kV
	Densopol 80	+5°C	+45°C	10 kV	15 kV
	Densoclad 40	+5°C	+45°C	5 kV	15 kV
	Densoclad 50	+5°C	+45°C	10 kV	15 kV
	Densoclad 70	+5°C	+45°C	10 kV	15 kV
Tropical	Densopol 60 HT	+15°C	+50°C	10 kV	15 kV
	Densopol 80 HT	+18°C	+50°C	10 kV	15 kV
	Densoclad 40 HT	+15°C	+50°C	5 kV	15 kV
	Densoclad 41 HT	+5°C	+50°C	10 kV	15 kV
	Densoclad 50 HT	+15°C	+50°C	10 kV	15 kV
	Densoclad 61 HT	+15°C	+50°C	10 kV	15 kV
	Densoclad 70 HT	+18°C	+50°C	10 kV	15 kV

Diagram of the correct application procedure



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Application

(a) Pipes, Rods and Cables:

Select as wide a width of tape as practical, e.g. 100mm wide for 100mm diameter pipe. Peel back about 0.5m of interleaving and apply the adhesive side of the tape firmly to the pipe. Unroll the tape about 0.5m, peel back the interleaving and wrap the tape spirally ensuring correct alignment. Maintain sufficient tension to ensure that the tape conforms to the surface without gaps. Repeat this, overlapping each turn by at least 25mm or preferably 55% to give double thickness. Start new roll by overlapping the ends by one tape width.

Note: Where longitudinal welds are included in the area to be wrapped, apply a 100mm wide strip of the tape longitudinally over the weld and press into the contours before wrapping.

(b) Butt Welded Joints:

Proceed as detailed above but start and finish wrapping with a minimum of 75mm overlap on to the existing pipe coating either side of the joint area.

(c) Coating Repairs:

Either cut a circumferential band of the damaged coating and treat as for Butt Welded Joints or cut away and remove loose coating from the damaged area and smooth or chamfer edges. Prime the exposed metal and a circumferential band extending 75mm either side of the damage. Build up the damaged area with patches of tape or Densyl Mastic. Wrap the section of pipe as for Butt Welded Joints.

Fittings:

For flanges, couplings and valves etc use Densyl Mastic or Denso Profiling Mastic to contour over awkward profiles such as Bolt heads and Nuts and to fill voids and provide a smooth profile for wrapping. Use 55% overlap and wrap as for pipes above.

Inspection:

Ensure that the entire surface is covered with no gaps or air pockets. Ensure that the correct overlap is achieved. Examine adhesion by coupon test 24 hours after wrapping. Holiday test at Voltages recommended overleaf.

Storage:

Store correct way up in original packaging. Store away from heat and open flames. Do not store in direct sunlight. In cold conditions tape may need to be warmed to comply with minimum application temperatures.

Standard Grades store between +5°C and +20°C

Tropical Grades store between +5°C and +35°C

Handling:

Please refer to the Safety Data Sheet.

Safety Data Sheets giving full information are available.



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