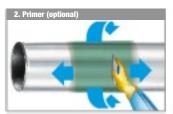


## **DENSO®** Petrolatum tapes and mastics

## For pipes/pipelines



The surface must be free from dust and loose objects. Rust must be removed using a wire brush. Minimum degree of cleanliness (ISO 8501-1) St2.



Work **DENSO® Primer** into the surface thoroughly. Apply **DENSO® Primer** by hand or using a spatula to the surface to be coated.



Wind DENSO® Petrolatum tape around the pipe with the required overlap and with no wrinkles. Then smooth down the DENSO® Petrolatum tape with your hand and press it firmly into position.



Coat the areas encased in DENSO® Petrolatumtape with a layer of DEPROTEC®-DRM PP up to the transitional point with the factory-encased surface. Fix the pipe protection mat in the overlap area by applying the heat of a flame and pressing down immediately. For additional mechanical protection, DEPROTEC®-PUR glass fibre bandage can be used.

## For armatures/flange connections



Apply DENSO® Petrolatum mastics by hand or using a spatula in order to fill hollow spaces. Shape the mastic and then wind DENSO® Petrolatum-tape all the way around.



Depending on the operating temperature, fill the hollow space from the crack between the flange plates with **DENSO®-Jet** or **DENSO®-Fill**.



Lay DENSO® Petrolatum tape centrally on the flange and shape it over the external circumference, screw heads, nuts etc. Tape width depends on the nominal size: 250, 300 or 400 mm



Position 2 layers of **DENSO® Petrolatum tape** alternately on the right and left flange edge. The length of the **DENSO® Petrolatum tape** sections correspond to the external flange circumference plus 50 mm overlap. Cover the pipe surface adjacent to both sides of the flange with **DENSO® Petrolatum tape** in a sleeve formation or spiral pattern.



Coat the areas encased in DENSO® Petrolatumtape with a layer of DEPROTEC®-DRM PP up to the transitional point with the factory-encased surface. Fix the pipe protection mat in the overlap area by applying the heat of a flame and pressing down immediately. For additional mechanical protection, DEPROTEC®-PUR glass fibre bandage can be used.

e.		Primer		
Processing temperature	Product	DENSO®-AQ DENSO®-Cal	DENSO®-AQ Primer HT	
essing	Material	-10 to +50	+5 to +50	
	°C (°F)	(+14 to +122)	(+41 to +122)	
Proc	Surface	-10 to +50	-10 to +100	
	°C (°F)	(+14 to +122)	(+14 to +212)	

<u>.</u>		Tape without lamination film						Tape with lamination film		Mastic		
temperature	Product	DENSO®-Feu	DENSO®-Tape ET	DENSO®-Tape MT¹	DENSO®-TapeST	DENSO®-Tape HT³	DENSO®-Tec DENSO®-Verte DENSO®-Tape LT¹	DENSO®-Cal <sup>2</sup>	DENSO®-Flex DENSO®-Plast	DENSO®-PF	DENSO®-Plast	DENSO®-Fill/ -Jet (Cartridges)
essing	Material	-10 to +40	+5 to +55	-10 to +50	+5 to +45	+5 to +50	-10 to +30	+5 to +50	-10 to +30	+0 to +30	+4 to +30	+40 to +85
	°C (°F)	(+14 to +104)	(+41 to +131)	(+14 to +122)	(+41 to +113)	(+41 to +122)	(+14 to +86)	(+41 to +122)	(+14 to +86)	(+32 to +86)	(+39,2 to +86)	(+104 to +185)
Process	Surface	-20 to +50	-10 to +60	-20 to +50	-20 to +40	-10 to +100	-10 to +30	+40 to +110	-10 to +30	+0 to +30	+0 to +30	≥ +5
	°C (°F)	(-4 to +122)	(+14 to +140)	(-4 to +122)	(-4 to +104)	(+14 to +212)	(+14 to +86)	(+104 to +230)	(+14 to +86)	(+32 to +86)	(+32 to +86)	(≥ +41)

General	
Surface preparation	Use an abrasive cloth #40 in a peripheral direction to roughen adjacent work surfaces and chamfer at an angle of < 30°. Surface cleanliness: min. St2 (ISO 8501-1) dry and free from grease, dust etc.
Health, safety & environmental protection	The installation must take place in accordance with customary and local environmental and safety standards.  The safety and environmental notes which accompany DENSO products must be heeded. Personal protective equipment such as safety glasses, safety gloves and fastened work garments must be worn.

- 1) Only for use with DENSO®-AQ Primer
- DENSO®-AQ Primer
  2) At low temperatures DENSO®-Cal
- Primer can be used (surface -10 °C to +50 °C (+14 °F to +122 °F))
- 3) Only for use with DENSO®-AQ Primer HT