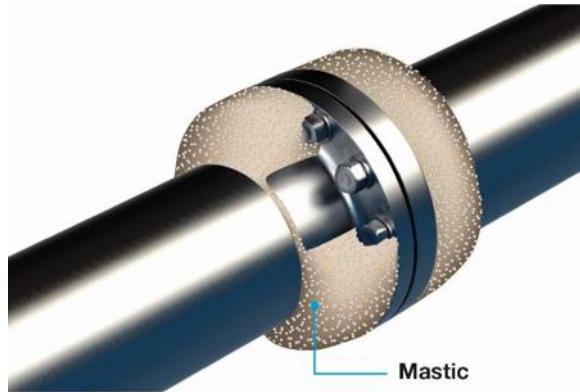


DENSO®-PF Mastic, DENSO®-PF Mastic HT, DENSO®-TB Mastic



Product information



Special advantages:



For operating temperatures of
-40°C (-40°F) to +80°C (+176°F).



Easiest manual application.



Solvent-free.



Cold application.

Styrofoam ball-containing petrolatum-based mastic filler for filling cavities and smoothing uneven surfaces for subsequent coverage with a DENSO® petrolatum tape.

For a century now, DENSO Group Germany has been representing experience, quality and reliability for corrosion prevention and sealing technology. The success of the internationally leading corporation is based on the development of the "DENSO-Tape", which was already patented in 1927 as the first product worldwide for the passive corrosion prevention of pipelines. Since then, the DENSO Group Germany has been establishing and guaranteeing the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees continuously implement safe and individual solutions in a personal cooperation with the customer.

Product description

DENSO®- Mastics are a hydrophobic, environmentally friendly and self-supporting petrolatum-based mastic fillers for filling cavities and smoothing uneven surfaces on buried pipeline components (e.g. flanges and fittings). Thanks to its Styrofoam ball content, DENSO®-PF Mastic is easier to apply at low temperatures than traditional petrolatum mastic fillers. DENSO®-PF Mastic offers outstanding formability and permits the easy filling of cavities such as gaps between flange plates. This reliably prevents cavities and forms a complete corrosion prevention coating.

The low density makes transport easier and permits outstanding stability even on the bottom of the pipe.

DENSO®-PF Mastic is applied by hand or using a spatula to the surface to be coated. This application process moulds the mastic so that when DENSO® petrolatum tape is applied, it covers the entire surface of the coated area, without any gaps in contact.

DENSO®-PF Mastic HT and **DENSO®-TB Mastic** are product variants that are exceptionally easy to apply even at higher ambient temperatures, and are resistant to temperatures up to +80°C (+176°F).

DENSO®-PF Mastic, DENSO®-PF Mastic HT and DENSO®-TB Mastic are compatible with all **DENSO®** petrolatum tapes. A product such as **DEPROTEC®-DRM PP 500 Plus** rockshield can be used to provide additional mechanical protection.

Typical product properties

Properties	Unit	Typical values			Standard
		DENSO®-PF Mastic	DENSO®-PF Mastic HT	DENSO®-TB Mastic	
Colour	-	brown	green-grey	brownish	-
Density	g/cm³	0.5 - 0.55	0.5 - 0.55	0.55	ISO 2811
Saponification number	mg (KOH)/ g	≤2	≤2	-	DIN EN 12068
Dripping point (Ubbelohde)	°C (°F)	≥+65 (≥+149)	-	≥+100 (≥+212)	DIN 51801
Cone penetration	1/10 mm	85	60	-	DIN 51804
Processing temperature	°C (°F)	0 to +30 (+32 to +86)	0 to +50 (+32 to +122)	+10 to +50 (+50 to +122)	-
Operating temperature	°C (°F)	-40 to +30 (-40 to +86)	-40 to +50 (-40 to +122)	-40 to +80 (-40 to +176)	-

Ordering information and packaging

Product	Dimensions
DENSO®-PF Mastic	Plastic bucket fill volume 2 Litre
DENSO®-PF Mastic	Plastic bucket fill volume 12 Litre
DENSO®-PF Mastic HT	Plastic bucket fill volume 2 Litre
DENSO®-PF Mastic HT	Plastic bucket fill volume 12 Litre
DENSO®-TB Mastic	Plastic bucket fill volume 12 Litre

Consumption

Nominal diameter DN		Typical consumption (litres)
mm	inches	
25	1"	1
50	2"	2
80	3"	3
100	4"	4
200	8"	6
300	12"	8
400	16"	11
500	20"	13
600	24"	17
700	28"	20
800	32"	27
900	36"	29
1000	40"	35
1200	48"	44
1400	56"	56

Storage

When stored in its original, unopened packaging, **DENSO®-PF Mastic**, **DENSO®-PF Mastic HT** and **DENSO®-TB Mastic** can be stored for at least 60 months after the manufacturing date.

Storage temperature: **DENSO®-PF Mastic** ≤ +30°C (+86°F), **DENSO®-PF Mastic HT** and **DENSO®-TB Mastic** ≤ +50°C (+122°F)

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