

OPTIMOL PASTE TA

Silver colored high temperature paste for screw connections

DESCRIPTION

OPTIMOL PASTE TA for screw connections up to + 1100°C/+ 2012°F. It is used as assembly paste and prevents seizing, welding or scaling. OPTIMOL PASTE TA ensures a good separating and sealing effect in high temperature and wet environments as well as under the influence of aggressive media.

APPLICATIONS

- For assembly of components subjected to corrosion, extreme temperatures and unfavorable environments such as
 - screws, bushes and valves
 - flanged joints and threaded tube connections
 - positive-locking components
 - seals, stuffing boxes and packings
 - light metal/steel friction surfaces.
- As basic or thin film lubrication for sliding surfaces under high thermal loads.
- USDA H2 authorized and therefore suited for the application in the food and beverage industries.
- Temperature application range - 40°C/-40°F to + 1100°C/+ 2012°F.

ADVANTAGES

- OPTITEC® - OPTIMOL technology
- high load bearing capacity
- resistant to hot and cold water
- immediate lubricating effect
- economical in use
- limited resistance to alkalis and acids
- good corrosion protection
- good separation ability
- easy application (spray)
- USDA H2 authorized

NOTES FOR USE

- OPTIMOL PASTE TA is also available as spray without CFC.
- Clean surfaces before application.
- Apply even layer of OPTIMOL PASTE TA with a brush or a lint-free or leather cloth.
- Shake spray well before use. Hold spray can about 20 cm (6 - 8 inches) from lubrication point to apply thin and even layer. Lubricate screws down to the root of the thread.
- For paste-specific applications - cannot replace oil or grease lubrication.
- In spray cans: OPTIMOL PASTE TA SPRAY (article no. 08446)



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Typical data

	Unit	Value	Test method
PASTE TA	-	-	-
Article no.	-	08452	-
Color	-	silver-metallic	visual
Base	-	inorganic thickener/ thermally stable solid lubricants	-
NLGI consistency	-	1	DIN 51818
Worked penetration Pw 60	0.1 mm	325	DIN ISO 2176
Density at +20°C/+68°F	g/cm ³	1.340	DIN 51757
Water resistance at +90°C/+194°F	-	2	DIN 51807 T. 1
Flow pressure at 0°C/+32°F	mbar	66	DIN 51805

These technical data are based on average test results. Minor deviations may occur from case to case.

For further product information please contact the Technical Service of OPTIMOL ÖLWERKE INDUSTRIE GmbH.

Above data are based on extensive tests and practical experience. Considering the wide range of application requirements, they cannot, however, guarantee success in every single case. We therefore recommend practical trials. We reserve the right to change the product composition with a view to further improvement.