

TEROSON VR 410

Known as Fluid D

July 2014

PRODUCT DESCRIPTION

TEROSON VR 410 provides the following characteristics:

Technology	Sealing Compound for Casings and Flanges
Sealing Face	Flange Width \geq 20 mm
Additional Information	thick paste, non-setting, easy-parting

TEROSON VR 410 is a non-hardening, permanently plastic synthetic resin sealing paste. Because of these properties, metal elements may be joined and sealed either immediately following application of TEROSON VR 410 or even several hours later and can then be separated again easily when required. TEROSON VR 410 is usually been used in combination with a solid gasket.

APPLICATION AREAS

Easy-parting seals on casings, lids and flanges, especially those subject to vibration or corrosion. The flange face may be of any size, though a minimum flange width of 20 mm should be provided. TEROSON VR 410 is also used for bonding solid gaskets.

TECHNICAL DATA

(Typical Test Results)

Colour	blue
Odour	specific characteristic odour
Consistency	paste, spreadable
Density	approx. 1.12 g/cm ³
Solids	approx. 85 %
In service temperature	-40 to 120 °C

PRELIMINARY STATEMENT

Prior to application it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed.

Preparation for sealing

The sealing faces must be dry and free from grease, oil and dust. Dependent on the degree of contamination, cleaning may be performed with TEROSON D, TEROSON VR 10, cleaning gasoline or a dry cloth.

Application**Applying the sealant:**

TEROSON VR 410 is applied to the machined metal flanges evenly to a thickness of ca. 1.0 mm either on one surface or on both surfaces. If the sealant has been applied very thinly, the components may be fitted together immediately; if thicker coats have been applied then you should allow ca. 10 minutes drying time; and if a bead has been applied you should allow several hours for drying. TEROSON VR 410 will remain plastic (will not set).

Caution

Because TEROSON VR 410 will not set assure that no excess material will be exposed into the inner of casings (e. g. oilpan). It might be washed off by the turbulences of the moving oil leading to problems in the engine.

Finishing Treatment

TEROSON VR 410 cannot be overpainted, and any excess should therefore be wiped off with a dry cloth. Contamination on Equipment may be removed with TEROSON D.

STORAGE

Frost sensitive	yes, to a limited extent (solidifies at temperatures below 0°C, but becomes usable again after slow warming to room temperature)
Recommended storage temperature	10 to 25 °C
Shelf life	12 months

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Henkel AG & Co. KGaA

D-40191 Düsseldorf, Germany

Phone: +49-211-797-0

www.henkel.com**Henkel Central Eastern Europe GmbH**

A-1030 Wien, Austria

Phone: +43-1711-040

www.henkel.com**Henkel & Cie AG**

CH-4133 Pratteln, Switzerland

Phone: +41-61-825-7000

www.henkel.com