

# Technical data sheet



Product: 5080

Manufacturer: HENKEL KGAA

Product group: KLEBEBAND

Article group: EINSEITIG

Download: 29.04.2024

**TEROSON® VR 5080™**

This data sheet was provided to you by Tewipack Uhl GmbH. The company tewipack Uhl GmbH assumes no responsibility for the topicality and the Accuracy of the information contained. The properties of the products can vary due to various influences such as composition and condition of the Substrate, impurities in or on the substrate, temperature and humidity at the Change storage and environmental conditions during use. Using this product in combination with other material, the customer is responsible for to check through our own tests whether the product is suitable for the planned combination and whether this combination delivers the expected results

Tewipack Uhl GmbH  
Industriestraße 15  
D-75382 Althengstett

Telephone:  
+49(0)7051/9297-0  
Fax:  
+49(0)7051/9297-99

E-Mail:  
info@tewipack.de  
Website:  
www.tewipack.de

Managing director:  
Alexander Uhl,  
Michael Uhl  
HRB 330424  
Amtsgericht  
Stuttgart

Bank details:  
Sparkasse  
Sindelfingen  
Pforzheim  
Calw  
BLZ 666 500  
85  
Konto 17 787

Commerzbank  
Sindelfingen  
BLZ 603 400 71  
Konto 8 001 166

Vereinigte  
Volksbank AG  
Böblingen  
BLZ 603 900 00  
Konto 80 089  
003

Postbank  
Stuttgart  
BLZ 600 100  
70  
Konto 146  
294 708

## TEROSON® VR 5080™

Known as LOCTITE® Teroson® 5080™  
July 2015

### PRODUCT DESCRIPTION

TEROSON® VR 5080™ provides the following product characteristics:

<b>Technology</b>	Tape
<b>Chemical Type</b>	Synthetic Rubber
<b>Appearance</b>	Metallic gray
<b>Cure</b>	Non-curing
<b>Application</b>	Fix & Repair Tape
<b>Key Substrates</b>	Most surfaces

TEROSON® VR 5080™ is a multi-purpose adhesive tape ideal for repairing, reinforcing, fixing, sealing and protecting parts. Suitable for most surfaces. The tape incorporates a 3-layer technology consisting of 1) a synthetic rubber adhesive layer, 2) an integrated fabric layer and 3) a waterproof layer of polyethylene. Suitable for indoor and outdoor application.

### TYPICAL PROPERTIES

Total Thickness, µm	226
Width, mm	50
Length, m	25 or 50
Core, mm	76.2

### TYPICAL PERFORMANCE

Tensile Strength , EN 1940	N/cm	42
	lb/in	3.7
Adhesion to steel , EN 1939	N/25mm	43.5
	lb/in	9.9
Rolling ball , PSTC 6	cm	0
	in	0
Shear Resistance @ 22 °C, ASTM D 3654, hours		>168

### TYPICAL ENVIRONMENTAL RESISTANCE

#### Leakage Stop Performance

Emergency stop of leakages in pipes up to 4 bar pressure for minimum 1 hour at 22 °C. Test results measured at steel pipe with a hole of 3 mm, covered by a single layer of Teroson® VR 5080™.

Not recommended for permanent repair of leakages.

### GENERAL INFORMATION

**For safe handling information on this product, consult the Safety Data Sheet (SDS).**

#### Directions for use:

The tape can be torn easily and neatly by hand. Ensure that surfaces are clean, free of grease and dry.

For maximum adhesion and durability, press the tape firmly to the bonding surface. If necessary apply more layers.

For best results, use at an ambient temperature.

#### Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

#### Storage

Store product in a cool dry place away from direct sunlight and heat sources. **Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties.** Henkel Corporation cannot assume responsibility for product which has been stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

#### Conversions

(°C x 1.8) + 32 = °F  
kV/mm x 25.4 = V/mil  
mm / 25.4 = inches  
µm / 25.4 = mil  
N x 0.225 = lb  
N/mm x 5.71 = lb/in  
N/mm² x 145 = psi  
MPa x 145 = psi  
N·m x 8.851 = lb·in  
N·m x 0.738 = lb·ft  
N·mm x 0.142 = oz·in  
mPa·s = cP

#### Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal



injury caused by our negligence and any liability under any applicable mandatory product liability law.

**In case products are delivered by Henkel Belgium NV, Henkel Electronic Materials NV, Henkel Nederland BV, Henkel Technologies France SAS and Henkel France SA please additionally note the following:**

In case Henkel would be nevertheless held liable, on whatever legal ground, Henkel's liability will in no event exceed the amount of the concerned delivery.

**In case products are delivered by Henkel Colombiana, S.A.S. the following disclaimer is applicable:**

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

**In case products are delivered by Henkel Corporation, Resin Technology Group, Inc., or Henkel Canada Corporation, the following disclaimer is applicable:**

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

**Trademark usage**

Except as otherwise noted, all trademarks in this document are trademarks of Henkel Corporation in the U.S. and elsewhere. ® denotes a trademark registered in the U.S. Patent and Trademark Office.

**Reference 1.1**

Henkel Americas  
+860.571.5100

Henkel Europe  
+49.89.320800.1800

Henkel Asia Pacific  
+86.21.2891.8859

**For the most direct access to local sales and technical support visit: [www.henkel.com/industrial](http://www.henkel.com/industrial)**