TEROSON

Technical Data Sheet

TEROSON® VR 5080™

Known as LOCTITE® Teroson® 5080™
July 2015

PRODUCT DESCRIPTION

TEROSON® VR 5080™ provides the following product characteristics:

Technology	Tape
Chemical Type	Synthetic Rubber
Appearance	Metallic gray
Cure	Non-curing
Application	Fix & Repair Tape
Key Substrates	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:
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Reference 1.1