



# LOCTITE® 8104™

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## PRODUCT DESCRIPTION

LOCTITE® 8104™ provides the following product characteristics:

<b>Technology</b>	Silicone grease
<b>Chemical Type</b>	Silicone Oil and Fumed Silica
<b>Appearance</b>	Colorless grease
<b>Odor</b>	Odorless
<b>Cure</b>	Not applicable
<b>Application</b>	Lubrication

LOCTITE® 8104™ is a silicone valve and packing grease suitable for use on equipment in the food processing industry. This product is suitable for lubricating plastic and elastomeric components (e.g. valves and joints in hot and cold water systems). May be used to assist fitting of "O" rings. This product is typically used in applications with an operating range of -50 °C to +200 °C.

## NSF International

**Registered to NSF Category H1** for use as a lubricant with incidental food contact in and around food processing areas.

**Note:** This is a regional approval. Please contact your local Technical Service Center for more information and clarification

## TYPICAL PROPERTIES

Density, ISO 12185 @ 25 °C, g/ml	0.9
Consistency, ISO 6743-99, NLGI Class	2 to 3
Penetration, worked, ISO 2137, 1/10mm: @ 25 °C and 60 strokes	220 to 310
EMCOR Test, DIN 51802	1/2
Copper Corrosion, ISO 2160: 3 hours @ 100 °C	1b
Peak Temperature, °C	220
Flash Point - See MSDS	

## GENERAL INFORMATION

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a lubricant for chlorine or other strong oxidizing materials.**

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

## Directions for use:

1. Apply to clean parts which need lubricating, avoid excessive lubrication.

## 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 the unopened container in a dry location. Storage information may be indicated on the product container labeling.

**Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties.** Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or 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/mm <sup>2</sup> 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 1.4