

# BOSS® 316 Neutral Cure Industrial Silicone

### TYPICAL PROPERTIES

#### Uncured

|   |            |
|---|------------|
| Specific Gravity – Clear .....                        | 1.03       |
| – Colors .....  | 1.21       |
| Sag/Slump .....                                       | Nil        |
| Tack Free Time .....                                  | 15 min.    |
| Cure Time at 75°F (24°C) and 50% RH (3/8" thick) .... | 24 hrs.    |
| Extrusion Rate .....                                  | 275 g/min. |

#### Cured-Physical

|                                   |           |
|-----------------------------------|-----------|
| Durometer, Shore A Hardness ..... | 33 points |
| Tensile Strength .....            | 260 psi   |
| Elongation .....                  | 500%      |

\*Information on this data sheet is subject to change without notice and should not be used for writing specifications.  
For additional information on specific applications, contact Accumetric, LLC



### DESCRIPTION

**BOSS® 316** Neutral Cure Industrial Silicone is a high performance, one component adhesive/sealant formulated for industrial and electrical applications.

**BOSS® 316** is non-corrosive, permanently flexible, and exhibits excellent adhesion to a wide variety of substrates.

### SPECIFICATIONS

**BOSS® 316** Neutral Cure Industrial Silicone fully meets the requirements of Federal Specifications MIL-A-46146A, TT-S-001543A, TT-S-00230C and ASTM-C920-86.

### FEATURES

- Neutral Cure/Low Odor
- Medium modulus
- Excellent adhesion to vinyl, wood, steel, aluminum, glass and plastic

### COLORS

**BOSS® 316** Neutral Cure Industrial Silicone is available in clear, white, and black.

## HOW TO USE

### *Applying the Material Tack-Free Time*

**BOSS® 316** Neutral Cure Industrial Silicone is supplied ready-to-use. Under pressure it flows readily from its container. The paste-like consistency makes it easy to work; a spatula or wooden paddle can be used for tooling the surface.

The cure progresses inward from the surface. At conditions of at least 75°F (24°C) and 50 percent relative humidity, the sealant forms a tack-free skin in 15-20 minutes. Tooling is not practical after this skin begins forming, and should be completed within 5-7 minutes of application, even though this may require alternate periods of applying and tooling. Likewise, if masking tape has been used to mark off an area, it should be removed before the tack-free skin forms.

## STORAGE AND SHELF LIFE

When stored in original unopened containers at or below 80°F (27°C), **BOSS® 316** has a shelf life of 12 months from date of shipment. Containers should always be kept sealed when not in use. After a container has been opened and entire contents have not been used, extrude 3/8" of material past nozzle opening. When ready to use pull out cured plug. Sealant is ready to use.

## PACKAGING

**BOSS® 316** Neutral Cure Industrial Silicone is available in 10.1 fl. oz. cartridges, 5 gallon pails, and 55 gallon drums.

## SHIPPING LIMITATIONS

None.

## CAUTION

**DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE AND THROAT.** Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands. **IN CASE OF EYE CONTACT**, flush eyes with water for 15 minutes. Obtain medical attention. **IN CASE OF SKIN CONTACT**, remove from skin and flush with water. **KEEP OUT OF REACH OF CHILDREN.**

## USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

The supplier warrants only that its products will meet its specifications. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. The users exclusive remedy and the suppliers sole liability is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted. The supplier will not be liable for incidental or consequential damages of any kind.

Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

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