

TECHNICAL DATA SHEET
STYLE No. SD 2700-011

**35 DUROMETER
SILICONE RUBBER
CURED IN-PLACE
GASKETING**



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SD 2700-011 is a nonslumping, RTV silicone elastomer designed to be robotically dispensed and cured directly on industrial components to form a compression gasket. It is resistant to incidental contact with automotive fluids and many industrial chemicals. **SD 2700-011** exhibits excellent unprimed adhesion to a variety of plastic and metal substrates. For these substrates, the gasket will not become loose during shipping and handling, assembly or operation. Available in Gray, Black or Off-White colors.

TYPICAL APPLICATIONS - **SD 2700-011** is effective in sealing industrial components and components requiring a gasket with low sealing force. It has a continuous use temperature range of -50°C to 140°C and intermittent use to 170°C. This product has a neutral (alcohol) cure and will not corrode metal or other corrosion-sensitive materials.

LIMITATIONS - Do not use **SD 2700-011** in applications where the product will be in constant contact with automotive fluids, fuels, or solvents. Some low-surface-energy plastics such as polyethylene and polypropylene are very difficult to bond to and will require additional treatment to achieve good adhesion. Product is not intended for food-contact applications and is not designed for high-movement joints and most paints will not adhere to sealant.

TYPICAL PROPERTIES - These values are not intended for use in preparing specifications:
As Cured¹

Colors Available in Off-White, Black, and Gray

CTM 0293 Peel Strength, ppi

ABS	>35	Polystyrene	>20
Acrylic, primed	>30	PVC	>30
Aluminum, anodized	>30	Neoprene	>25
Aluminum, milled	>35	Silicone Rubber	>30
Brass	>30	Steel, stainless	>30
Copper	>35	Steel, galvanized	>30
Glass	>30	Steel, carbon	>35
Phenolic G-10	>30	Steel, milled	>25
Polycarbonate, primed	>35	Wrought Iron	>30
Polycarbonate, unprimed	>35		

ASTM C661 Durometer Hardness, Shore A 35

ASTM D412 Tensile Strength, psi 350

ASTM D412 Elongation, percent 420

¹After 7 day cure at 77°F (25°C) and 50 percent RH.

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