

**DOLPHIN 7003**

**REINFORCED ElastiSeal™ Sealant, Black**

**DESCRIPTION:** **DOLPHIN 7003** was created by combining the best properties of several of our most popular sealants into a single, improved product. This fast drying sealant offers fiber reinforcement and high solids in a rubber caulking compound that can be used in a wide variety of applications. This formula can be pigmented to the color of your choice. Because of its exceptional sag resistance, **DOLPHIN 7003** sealant gives the user the capability of filling large seams and holes; because of the high solids content, there is minimal shrinkage upon drying. When dried, this product provides a very tough, resilient seal which will withstand vibration and flex through a wide range of service conditions. This sealant bonds to most substrates; these include glass, fiberglass, steel, aluminum, rubber, and most primed and painted surfaces. **DOLPHIN 7003** has been developed for use in the transportation industry as both an interior and exterior sealer on autos, truck cabs and bodies, construction and farm equipment, trailers, and buses. This product may be painted over, if necessary; most paints adhere well to these sealants; and normal industrial paint bakes will improve the physical properties of the cured sealants.

**APPLICATION:** This product is supplied in standard caulking cartridges for use in hand and air powered guns; it is also available in fives and drums for dispensing through flow guns. Paint may be applied as soon as a skin forms on the sealant; if the paint is to be baked, allow sufficient time to permit the solvent to evaporate from the sealer before baking or blistering may occur. Clean up tools and equipment with toluene or xylene.

**PROPERTIES:**

Specific Gravity:	1.33 – 1.39
Color:	<b>DOLPHIN 7003</b> - Black Custom color matches available
Solids:	82% - 86%
Flash Point, Seta Flash CC:	0° - 10° F

Technical Data Sheets are intended as a guide for our customers and are based on tests believed reliable. Since usage of our products is beyond our control, we can make no warranty, expressed or implied, as to such use, or related activities, whether or not in accordance with directions. Our statements shall not be construed as inducements to infringe any patent.

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Sag Resistance: No sag with .625" bead

Dry Time @ 68° F; 50% RH 2 minutes set to touch  
ASTM D 1640; .125" thick 48 hours through dry

**THE FOLLOWING TESTS WERE PERFORMED AFTER  
DRYING 21 DAYS @ 68° F (20° C); 50% RH**

Adhesion, Peel: 20 lbs/in from CRS  
ASTM C 794; 180° Angle 15 lbs/in from Aluminum

Low Temperature Flexibility: No cracking  
ASTM C 711; .25" mandrel No loss of adhesion  
@ -20° F (-29° C)

Effects of Heat Aging: Flexibility maintained  
ASTM C 792; 336 hours No loss of adhesion  
@ 158° F (70° C)

Flammability: Pass  
MVSS-302 Self extinguishing within 2"

LOS022004  
Rev: 010808kb

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