

DOLPHIN 7022 SERIES

ElastiSeal™ Sealants

DESCRIPTION: The **DOLPHIN 7022 Series** is a group of tough, thermoplastic rubber adhesive/sealants. These sealants bond to a wide variety of substrates including glass, fiberglass, steel, aluminum, rubber, and most primed and painted surfaces. The **DOLPHIN 7022 Series** was developed for use in bus, recreational vehicle and truck body assembly for interior applications and for exterior applications when sealant is to be painted. Paint adheres well and these sealants will not discolor finishes. This group of products offers higher tensile strength, greater elongation, and greater adhesive strength than many of the moisture-cured urethane sealants now on the market. These products also offer better package stability and cure without dependence on humidity.

APPLICATION: These adhesive/sealants are normally supplied in pails or drums; they also may be ordered in standard caulking cartridges for use in hand or air powered guns. These sealants skin over quickly after application but will not cure in the cartridge between jobs. Paint may be applied to these sealants as soon as a skin forms. Clean up tools with toluene or xylene.

PROPERTIES:

Colors:	DOLPHIN 7022 - Aluminum DOLPHIN 7025 - Black DOLPHIN 7026 - Lt. Gray DOLPHIN 7029 - White
Specific Gravity:	1.16 - 1.22
Solids:	71 - 76%
Sag Resistance:	No sag with .625" bead
Dry Time @ 68° F; 50% RH ASTM D 1640; .125" thick	5 minutes set to touch 36 hours through dry
Flash Point, Seta Flash CC: ASTM D 3278	40° - 50°

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**THE FOLLOWING TESTS WERE PERFORMED AFTER DRYING
21 DAYS @ 68° F.; 50% RH**

Hardness, Shore A Durometer: ASTM D 2240; 5 seconds	40 - 50
Adhesion, Shear: ASTM D 1002	450 psi
Tensile Strength: ASTM D 412; Die C	1400 psi
Elongation: ASTM D 412; Die C	1000%
Low Temperature Flexibility: ASTM C 711; 2.5" mandrel @ -20° F	No Cracking No loss of adhesion
Effects of Heat Aging: ASTM C 792; 168 hours @ 158° F	No discoloration No loss of adhesion
Humidity Resistance: ASTM D 2247; 250 hours @ 100° F; 100% RH	No corrosion under sealant No loss of adhesion
Salt Spray Resistance: ASTM B 117; 500 hours	No corrosion under sealant No loss of adhesion
Flammability: MVSS 302	Pass Burn rate less than 1"/min.

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