

DOLPHIN 7520 SERIES

UVR ElastiSeals™ SEALANTS

DESCRIPTION: The **DOLPHIN 7520 Series** is a group of tough, thermoplastic rubber adhesive/sealants. These sag resistant materials can be made in a wide variety of colors, including custom color matches for our customers. The addition of ultra violet light absorbers gives long-term color stability to these products. These sealants bond to a wide variety of substrates including glass, fiberglass, steel, aluminum, rubber, and most primed and painted surfaces. The **DOLPHIN 7520 Series** was developed for use in truck body, recreational vehicles and bus assembly in both interior and exterior applications. These products may be painted over, if necessary; paint adheres well and 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 can be supplied in standard caulking cartridges for use in hand or air powered guns; or it may be ordered in ones, fives or drums. 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 7526 – Spring White DOLPHIN 7528 – S.B. Yellow DOLPHIN 7529 - White Custom colors also available
Specific Gravity:	1.09 - 1.24
Solids by wt:	66 - 75%
Flash Point, Seta Flash CC: ASTM D 3278	40° - 50° 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	10 minutes set to touch
ASTM D 1640; .125" thick	36 hours through dry

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

Hardness, Shore A Durometer ASTM D 2240; 5 seconds	70 – 80
Adhesion, Sheer: 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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