

GENERAL SEALANTS, INC.

GS# 424 Sealant (MIL-S-11030F TYPE III)

Technical Data Sheet

PRODUCT DESCRIPTION

GS# 424 Sealant is an extruded polysulfide based non-curing sealant that is manufactured to meet MIL-S-11030F Type III. This unique sealant is resistant to oil, jet fuel, gasoline, and many solvents. This high-performance sealant will remain bonded to the application surface even when submerged in solvent. GS# 424 Sealant is self-fusing, high conformable, and will not craze plastics.

PRODUCT ADVANTAGES

- Resistant to oil, jet fuel, gasoline, and many solvents
- Meets MIL-S-11030F Type III
- Excellent low temperature flexibility
- Fast and easy to apply by hand
- Good surface adhesion
- Will not craze plastics
- Service temperature of -40°F to 180°F (-40°C to 82°C)

APPLICATION

Surface should be free of moisture, oil and dust for maximum bond. Apply the sealant by hand to the application surface and press the sealant into place with the release liner still adhered to the sealant on one side to prevent contamination. Remove release liner when ready to apply the sealant to remaining application site. Ideal application temperature is 45°F (7°C) or above.

Product is not considered hazardous to skin however wash hands before eating. DO NOT TAKE INTERNALLY.

TYPICAL PHYSICAL PROPERTIES



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| Chemical Base | Polysulfide |
| Color | Black |
| Specific Gravity (ASTM D792) | 1.41 |
| Total Solids | 100% |
| Penetration (ASTM D217) cone at 72°F / 150 grams | 40-80 (4.0 to 8.0 mm) |
| Rolling Ball Tack (ASTM D3121) | >6.5 cm (11/16" Ball) |
| Volatile Content (MIL-S-11030F Test Procedure) | 1.5% Maximum |
| Water Solubility (MIL-S-11030F Test Procedure) | 0.4% Maximum |
| Oil Resistance (MIL-S-11030F Test Procedure) | No evidence of blistering, softening, or loss of adhesion. |
| Adhesion (MIL-S-11030F Test Procedure) | 25 psi Minimum |
| Aging (MIL-S-11030F Test Procedure) | 20 (2.0 mm) Maximum change in cone penetration |
| Effects of Volatile Compounds (MIL-S-11030F Test Procedure) | No evidence of chemical attack such as crazing, pitting, or etching. |

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TYPICAL PHYSICAL PROPERTIES CONTINUED

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| Crazing on Stressed Acrylic Plastic (MIL-S-11030F Test Procedure) | No cracking or crazing. |
| Low Temperature Flexibility (MIL-S-11030F Test Procedure) | No evidence of cracking or loss of adhesion. |
| Fluid Resistance at Elevated Temperatures (MIL-S-11030F Test Procedure) | No evidence of hardening, blistering, or any other deleterious property. |
| Water Vapor Permeability (MIL-S-11030F Test Procedure) | Not greater than 0.010 gm/hr/sq.in. |
| Service Temperature | -40°F to 180°F (-40°C to 82°C) |
| Shelf Life (Storage at 72°F/ 22°C) | 1 Year from DOM |

NOTE: TECHNICAL INFORMATION AND DATA SHOULD BE CONSIDERED REPRESENTATIVE OR TYPICAL ONLY AND SHOULD NOT BE USED FOR SPECIFICATION PURPOSES.

PACKAGING

GS# 424 Sealant (MIL-S-11030F Type III) is available in a wide range of extruded sizes supplied in roll form on a release liner.

STORAGE AND HANDLING

Material should be stored at 72°F (22°C) in a dry area in its original sealed case and case must remain right side up.

Product Ordering

Contact our GS# 424 Sealant (MIL-S-11030F Type III) exclusive distributor **Aviall Services** at 800-284-2551 or visit their [Website](#) to receive a quote or place an order.

For more information on GS# 424 Sealant, please email Sales@GeneralSealants.com or call (800)-762-1144 to speak with a representative from our sales department.



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