



NSL 428 Class B Access Door Sealant

Product Description:

NSL1428 Class B is an access door sealant for integral fuel tanks and pressurized cabins. It is used as a strippable fillet and as a gasket for removable parts.

NSL1428 Class B is a two-part polysulfide base compound designed to access areas where easy separation of joint surfaces is required. The NSL1428 Class B material cures at room temperature to a flexible, resilient rubber.

When mixed, NSL1428 Class B is a thixotropic paste that will not flow. For mixed application life details see cure profile below.

Product Features:

- Low adhesion and forms a fuel-resistant gasket that molds itself to fill all irregularities between two surfaces.
- Designed to be resistant to aircraft fuels, lubricants, oils, water and weather.
- Service temperature range -65°F (-54°C) to 225°F (107°C)..
- Suitable for application by extrusion gun or spatula.

Heat-Accelerated Curing:

Increased temperature and relative humidity will reduce work life and speed up the cure. Reduced temperature and relative humidity will extend work life and slow the cure.

Replacement For:

PR-1428 Class B

Conforms² To:

AMS3277, BMS5-37E & MIL-S-8784 by FAA-PMA Approval

Cure Profile:

	B-1/2	B-2
Application Life (hrs) ¹	1/2	2
Tack Free Time (hrs) ¹	<6	<24
Cure Time to 35 Shore A (hrs)	10	24

Packaging:

Available in 2½- and 6-oz. cartridges, pint, quart and gallon kits. Also available in premixed and frozen cartridges. Other-size packaging available upon request.

Shelf Life:

Sealed containers: 9 months when stored below 80°F. Slight changes in work life, viscosity and curing rate may occur but will not affect end performance of the product.

Typical Properties:

UNCURED

Color: Mixed	Red
Mixing Ratio: (by weight)	100:10
Non-volatile Content	98%
Specific Gravity	1.33
Consistency	Paste

CURED – ROOM TEMPERATURE

Cured – 7 days @ R.T. ¹

Tensile Strength, PSI	200
Elongation, %	400
Durometer, Shore A	20
Min. Peel Strength, PPI	1
Adhesion to other materials	Very low

Fungus Resistance Non-nutrient

¹ Conditions 77° and 50% R.H.

² Material and data depicted on this TDS is provided to Aerospace Sealants by the approved manufacture supplier(s) for this material. Qualification and inclusion on the QPL(s) is by the supplier(s) per their material identification and conforms as required by the governing specification.

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