



Sealants for Integral Fuel Tanks

The sealants offered here are mainly used in integral fuel tank sealing applications. However, they are also used in other demanding sealing applications where especially their resistance to fuel is of an advantage. Be sure to follow the recommendations of the airframe/engine/component manufacturer in all cases.

The offered sealants are FAA approved as direct replacements/alternatives for the “PR & PS” sealants manufactured by PRC and PPG.

The following shows the relationship with the PRC/PPG products and by clicking on the letters

TDS, MSDS & FAA you will see the respective Technical Data Sheet, Material Safety Data Sheet and FAA /PMA approval document.

<u>PRC/PPG Product</u>	<u>FAA approved Alternate(s)</u>			
PR1422	NSL1422A1/2	TDS	MSDS	FAA
	NSL1422A2	TDS	MSDS	FAA
	NSL1422B1/2	TDS	MSDS	FAA
	NSL1422B2	TDS	MSDS	FAA
	NSL1422RCB1/2	TDS	MSDS	FAA
	NSL1422RCB2	TDS	MSDS	FAA
PR1428	NSL1428B1/2	TDS	MSDS	FAA
	NSL1428B2	TDS	MSDS	FAA
PR1440	NSL1440RCA1/2	TDS	MSDS	FAA
	NSL1440RCA2	TDS	MSDS	FAA
	NSL1440RCB1/2	TDS	MSDS	FAA
	NSL1440RCB2	TDS	MSDS	FAA
PR1750	NSL1750B1/2	TDS	MSDS	FAA
	NSL1750B2	TDS	MSDS	FAA
PS890	NSL890RCA1/2	TDS	MSDS	FAA
	NSL890RCA2	TDS	MSDS	FAA
	NSL890RCB1/2	TDS	MSDS	FAA
	NSL890RCB2	TDS	MSDS	FAA
	NSL890RCB4	TDS	MSDS	FAA

When ordering, use the FAA approved part number followed by a -6 (which indicates a 6 OZ cartridge.

SPQ is 12 each and shelf life 9 months from date of manufacture.



AIRCRAFT INTEGRAL FUEL TANK SEALANTS

Product	Package	Service Temperature C			Cure Profile (hrs)			Conforms to*	Eligible Aircraft **	DG	Replaces
		Low	High	Max	Apply	Tack	Cured				
Standard cure times											
NSL1422A1/2-6	6 OZ	-54	+121	+135	½	< 8	30	1	A1,B1,B2,C1,P1	Y	PR1422A
NSL1422A2-6	6 OZ	-54	+121	+135	2	24	72	1	A1,B1,B2,C1,P1	Y	PR1422A
NSL1422B1/2-6	6 OZ	-54	+121	+135	½	<8	30	1	A1,B1,B2,C1,P1	Y	PR1422B
NSL1422B2-6	6 OZ	-54	+121	+135	2	24	72	1	A1,B1,B2,C1,P1	Y	PR1422B
Rapid cure times											
NSL1422RCA1/2-6	6 OZ	-54	+121	+135	½	<5	<5	1	A1,A2,B1,B2,C1,P1	Y	PR1422A
NSL1422RCA2-6	6 OZ	-54	+121	+135	2	<9	<12	1	A1,A2,B1,B2,C1,D1,P1	Y	PR1422A
NSL1422RCB1/2-6	6 OZ	-54	+121	+135	½	<5	<5	1	A1,B1,B2,C1,P1	Y	PR1422B
NSL1422RCB2-6	6 OZ	-54	+121	+135	2	<9	<12	1	A1,A2,B1,B2,D1	Y	PR1422B
NSL890RCA1/2-6	6 OZ	-54	+121	+135	½	<5	<5	4	A1,B2,C2,P1	Y	P/S890A
NSL890RCA2-6	6 OZ	-54	+121	+135	2	<9	<12	4	A1,B1,B2,C2,E1,P1	Y	P/S890A
NSL890RCB1/2-6	6 Oz	-54	+121	+135	½	<5	<5	4	A1,B1,B2,C2E1	N	P/S890B
NSL890RCB2-6	6 =Z	-54	+121	+135	2	<9	<12	4	A1,B1,B2,C2,E1	N	P/S890B
NSL890RCB4-6	6 OZ	-54	+121	+135	4	<24	<26	4	A1,B2,C2	N	P/S890B



Brush and fillet for fuel tank fasteners

NSL1440RCA1/2-6	6 OZ	-54	+121	+135	½	<5	<5	1	A1,B2,E1	Y	PR1440A
NSL1440RCA2-6	6 OZ	-54	+121	+135	2	<9	<12	1	A1,B1,B2,E1	Y	PR1440A

High Temperature fillet sealing

NSL1750B1/2-6	6 OZ	-54	+121	+182	½	20	30	2	B2,C1,P1	N	PR1750B
NSL1750B2-6	6 OZ	-54	+121	+182	2	20	72	2	B2,C1,P1	N	PR1750B

Light weight

NSL1776MB1/2-6	6 OZ	-54	+121	+182	½	<4	<6	3	A2,B1,B2,C2	N	PR1776MB
NSL1776MB2-6	6 OZ	-54	+121	+182	2	<6	<9	3	A2,B1,B2,C2	N	PR1776MB

Corrosion Inhibitive

NSL870B1/2-6	6 OZ	-54	+121	+135	½	5-6	24	5	A1,B1,B2,E1	N	P/S870B
NSL870B2-6	6 OZ	-54	+121	+123	2	5-6	48	5	A1,B1,B2,E1	N	P/S870B
NSL870B4-6	6 OZ	-54	+121	+123	4	12-14	72	5	A1,B1,B2,E1	N	P/S870B



AIRCRAFT INTEGRAL FUEL TANK ACCESS DOOR SEALANTS

NSL1428B1/2-6	6 OZ	-54	+107	½	<6	10	6	B1,B2,C2	N	PR1428B
NSL1428B2-6	6 OZ	-54	+107	2	<24	24	6	B1,B2,C2	N	PR1428B

Products marked in RED are currently NOT AVAILABLE for sale.

A = Application by brush

B = Application by extrusion gun or spatula

Shelf Life: All products have a shelf life of 9 months from the date of manufacture when stored below 27 Degrees Celsius. Slight changes in work life, viscosity and cure rate may occur but will not affect end performance of the product.

- *) 1 = AMS-S-8802 & BMS5-26U by FAA-PMA Approval
- 2 = AMS3276 & MIL-S-83430 by FAA-PMA Approval
- 3 = AMS3281 by FAA-PMA Approval
- 4 = MIL-PRF-81733 by FAA-PMA Approval
- 5 = AMS-S-8802 & BMS5-45B by FAA-PMA Approval
- 6 = AMS3277, BMS5-37E & MIL-S-8784 by FAA-PMA

**) A1=Airbus, A2 = ATR, , B1 = Boeing, B2 = Bombardier, C1 = CFM International, C2 = Cessna, D1 = Dassault, P1 = Pratt & Whitney