

THREAD SEALING

SAF-T-LOK Anaerobic products act as sealing compounds hardening in voids, thread gaps or between cylindrical parts and seal against leakage of fluids or gasses under high pressure or severe vibration. These products were formulated for a variety of applications and specifically to improve customers equipment performance.

PROPERTIES & BENEFITS

S90—Penetrating—Wicking

- Medium strength-Low viscosity
- Seals welding porosity
- Seals casting porosity
- Post apply to fine threads
- Ideal for adjustment screws
- Fast cure

HS—Hydraulic Sealant

- Low strength
- Excellent oil and fuel resistance
- Disassembles with normal tools
- Designed for hydraulic systems
- Seals synthetic fluids
- No particles to clog orifices
- Withstands high pressure
- Fast cure

PS—Pneumatic Sealant

- Medium strength
- High viscosity
- Designed for pneumatic systems
- Withstands high pressure
- No particles to clog orifices
- Locks threads against vibration
- Disassembles with normal tools

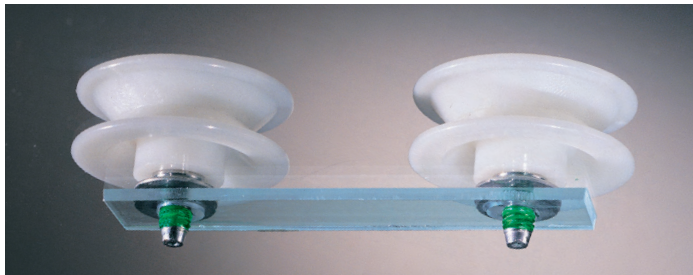


RS—Refrigerant Sealant

- Designed for refrigeration systems
- High strength
- High viscosity
- Vibration resistant
- Chemical and refrigerant resistant.
- Performs from -100°F to 350°F

CP—Core Plug Sealant

- Withstands fluid pressure
- Freeze thaw stable
- Positive seal
- Motor oil and fluid resistant
- Fast cure



Tested per ML-S-46163 or ASTM D5363

Typical Properties	S90	PS	HS	RS	CP	S03	S17
Viscosity	20	5000	1000	7000	8000	7000	7000
Gap Filling	.004	.010	.010	.010	.015	.010	.010
Torque Strength (in.lb.) 3/8-16 steel cleaned							
Breakaway	100	60	90	265	265	25	25
Prevailing	200	40	60	200	300	20	20
Cure Time with Primer T							
Fixture (min.)	5	10	10	5	10	-	-
Cure (hr.)	1	2	2	2	2	-	-
Cure Time without Primer							
Fixture (hr.)	10 min.	4	4	4	4	-	-
Cure (hr.)	6	8	8	8	8	24	24
Lock Shear (psi)	1500	600	1200	2500	2000	200	200
Temperature Limit (°F)	350	350	350	350	350	300	300
Technical Data Sheet for complete info.	S90	PS	HS	RS	CP	S03	S17

