

3. Thread Sealant

The following table provides an overview of the application of single component anaerobic compounds for sealing, thread lockers, cleaner and primer to pipe thread joints, straight thread o-ring fittings, and threaded fasteners.

| TYPE | GRADE | COLOR | PART NO. | CONTAINER SIZE | CURE SPEED STEEL @ 25°C | | TEMP. RANGE | <u>APPLICATION</u> |
|----------------|--------|-------|---------------|----------------|-------------------------|---------|-------------|---|
| | | | | | FIX-TURE | FULL | °F | |
| Thread Locker | 243 | Blue | 013-01678-000 | 50 ML | 10 Min. | 24 Hrs. | -65 to +300 | Use on permanent refrigerant tapered thread pipe and fittings over 1/2" in diameter. For fittings 3" and over apply primer to both surfaces. Suitable with light oil contamination. Flare Fittings – apply in a thin film on the inner and outer surface of the flare and to one thread of the male threaded surface. Hand tool removable. |
| Gasket Sealant | 518 | Red | 013-03086-000 | 50 ML | 4 Hrs. | 24 Hrs. | -65 to +300 | Making gaskets, coating gaskets and o-rings to improve sealing. Use with Straight Thread O-Ring components such as Sight Glasses, Heaters and Float switches by placing a film on the o-ring. Do Not use in the straight threads. |
| | | Red | 013-02827-000 | 300 ML | 4 Hrs. | 24 Hrs. | -65 to +300 | |
| Thread Sealant | 554 | Red | 013-03089-000 | 10 ML | 30 Min. | 24 Hrs. | -65 to +300 | Refrigerant pipe sealant up to 1/2" dia. Diameters over 1/2" may require heat to disassemble. |
| | | Red | 013-02894-000 | 250 ML | 30 Min. | 24 Hrs. | -65 to +300 | |
| | 565 | White | 013-03090-000 | 50 ML | 30 Min. | 24 Hrs. | -65 to +300 | Refrigerant & water sealant for removable tapered pipe thread fittings above 1/2". Use with primer on both surfaces for joints 2" and over. Use primer with aluminum and stainless steel. |
| | | White | 013-02023-000 | 250 ML | 30 Min. | 24 Hrs. | -65 to +300 | |
| | 567 | White | 013-02280-000 | 250 ML | 30 Min. | 24 Hrs. | -65 to +400 | Refrigerant pipe sealant for removable tapered pipe thread fittings above 1/2". Use with primer on both surfaces for joints 2" and over. Has anti-gall properties for stainless steel applications. Use primer with aluminum and stainless steel. |
| Cleaner | 7070 | Clear | 013-02899-000 | 16 OZ | --- | --- | --- | Clean surfaces with generous spray. Wipe with clean towel when still wet to insure heavy contamination is removed. |
| Primer | N 7649 | Green | 013-01753-000 | 1.75 OZ | --- | --- | --- | General purpose primer/activator for curing anaerobic adhesives. Acetone solvent. Primer should always be used with cadmium, zinc, or tin plated parts, with anodized or chromate surfaces, with stainless steel, titanium or aluminum parts, or with black oxide on steel. 013-01753-000 is a 1.75 fl. oz. bottle with brush and pump spray. 013-02986-000 is a 4.5 oz. aerosol can. |
| | | Green | 013-02986-000 | 4.5 OZ | --- | --- | --- | |