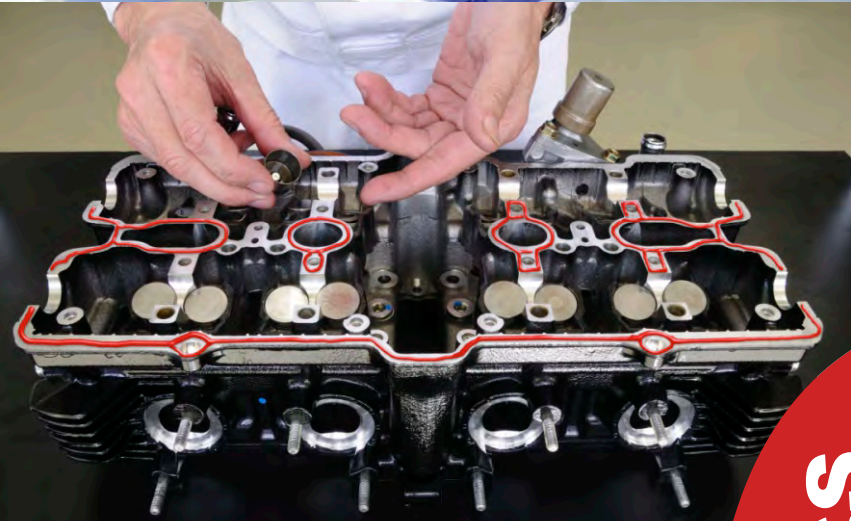
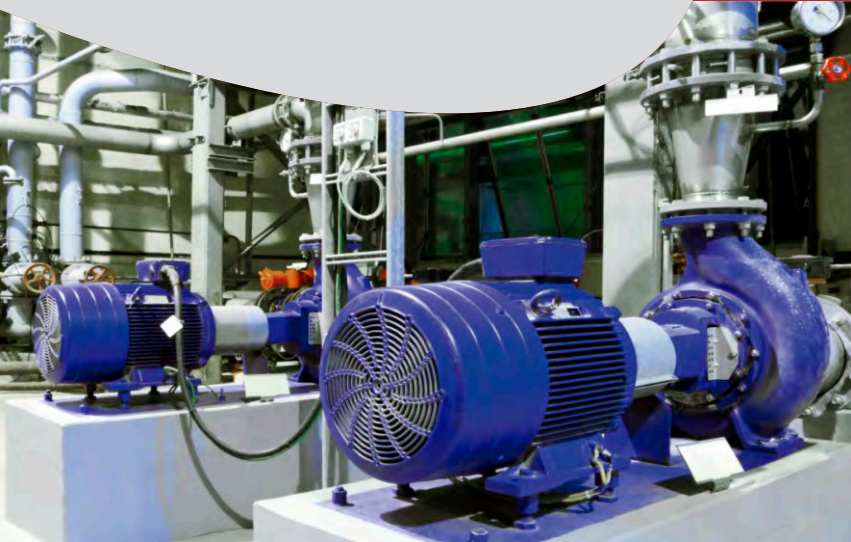


JET - GASKETING COMPOUNDS
JET - RETAINING COMPOUNDS
JET - LOCKER COMPOUNDS
JET - SEALANT COMPOUNDS
JET - ACCELERATORS/PRIMERS

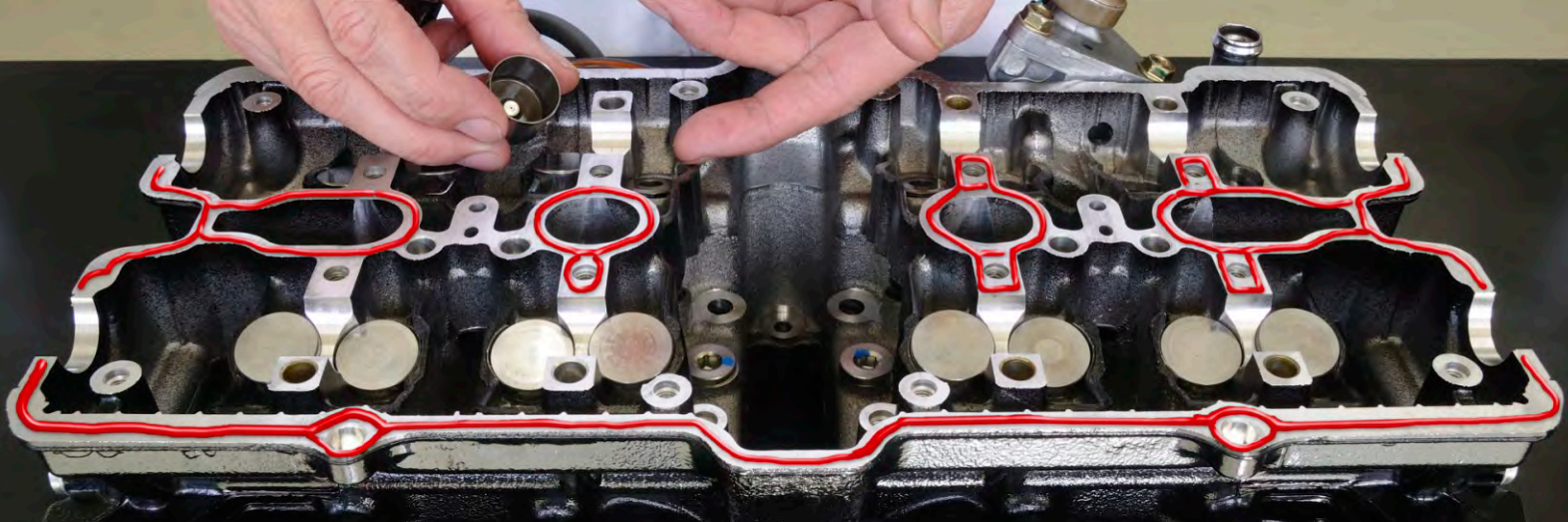
JET-CHEM[®]
INC.



ANAEROBICS

Anaerobic adhesives are one-part adhesives composed of dimethacrylate monomers (esters of alkylene glycols and acrylic or methacrylic acid)

Generally the term "ANAEROBIC" may sound **STRANGE**, but this literally means "WITHOUT AIR", in other words, Anaerobic Adhesives? Removal of air (oxygen) is required for these adhesives to cure. Along with "Removal of Air", there is another requirement for the anaerobic adhesives to cure. That is **Contact with a Metal**. In other words, the adhesives do not cure without metal. When the adhesive is placed in a bond line and the accessibility of oxygen is restricted, cure proceeds quite rapidly.



JET GASKETING COMPOUNDS

ANAEROBIC GASKETS

ANAEROBIC GASKETING MATERIALS are widely used as formed-in-place gaskets that produce leak-proof seals between mating flanges, preventing leakage of moisture, gasses, fluids or contaminants.

The technology of forming Anaerobic joints or gaskets revolutionized the flange sealing in the automotive industry, in the assembly of heavy equipment and the manufacture of various of various types of equipment.

The Anaerobic Gasket's Products remain liquid when exposed to air and cure or solidify only when confined between an assembly of metal flanges.

In one tube, you have all sizes and configurations as needed. Not shrink, tear, distort or get older; therefore there is no need for further adjustments.

5504 Jet Gasketing Compound Rigid Flange Sealant

One Component, Sealing instantaneous at Low Pressure and Filling gaps up to 0,76 mm

5509 Jet Gasketing Compound Flexible Flange Sealant

This product supports the flanges small movements caused by vibrations. It does not flow when applied to vertical surfaces. Blue Fluorescence's properties allow easy inspection during assembly.

5510 Jet Gasketing Compound High Temperature Flange Sealant

This product has a temperature range up to 204 ° C with excellent resistance to solvents and various chemicals. Form or coat gaskets in rigid assemblies. Eliminates compression joints.

5515 Jet Gasketing Compound Flexible Flange Sealant

Produces flexible joints for rigid machined flanges with less gap than 1.27 mm. It flexes with flanges that move during their service.

5518 Jet Gasketing Compound Flexible Flange Sealant

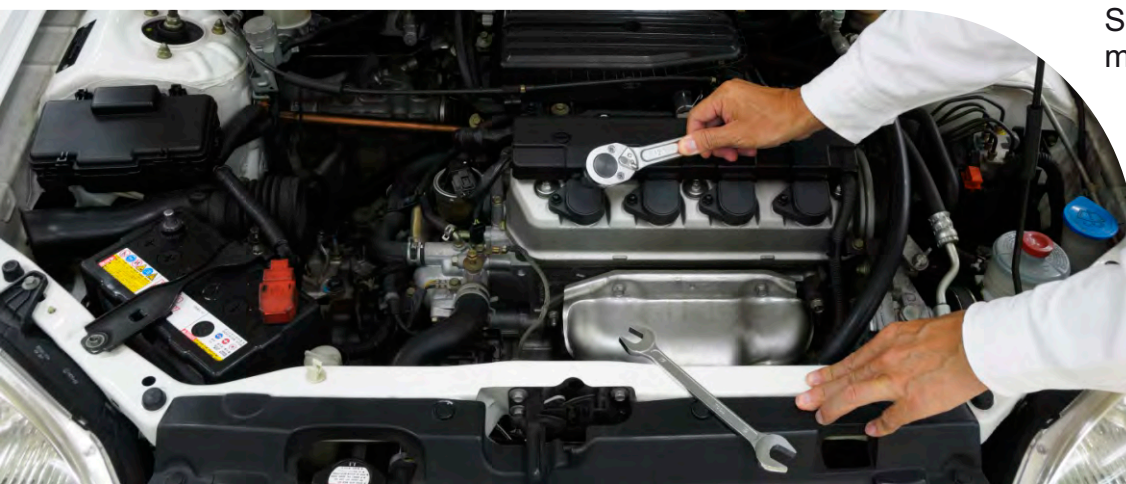
Forms a Flexible, Solvent Resistant Seal. It is not twisted or broken. Seals up to 149°C and fills gaps up to 1.27mm. It can be used in flexible metals' assemblies including aluminum. Easy to disassemble and clean.

5205 Flange Sealant

Fast Curing, Flexible Flange Sealant. Good sealing properties against oil and water / glycol especially at high temperatures. High viscosity.

5206 Flange Sealant

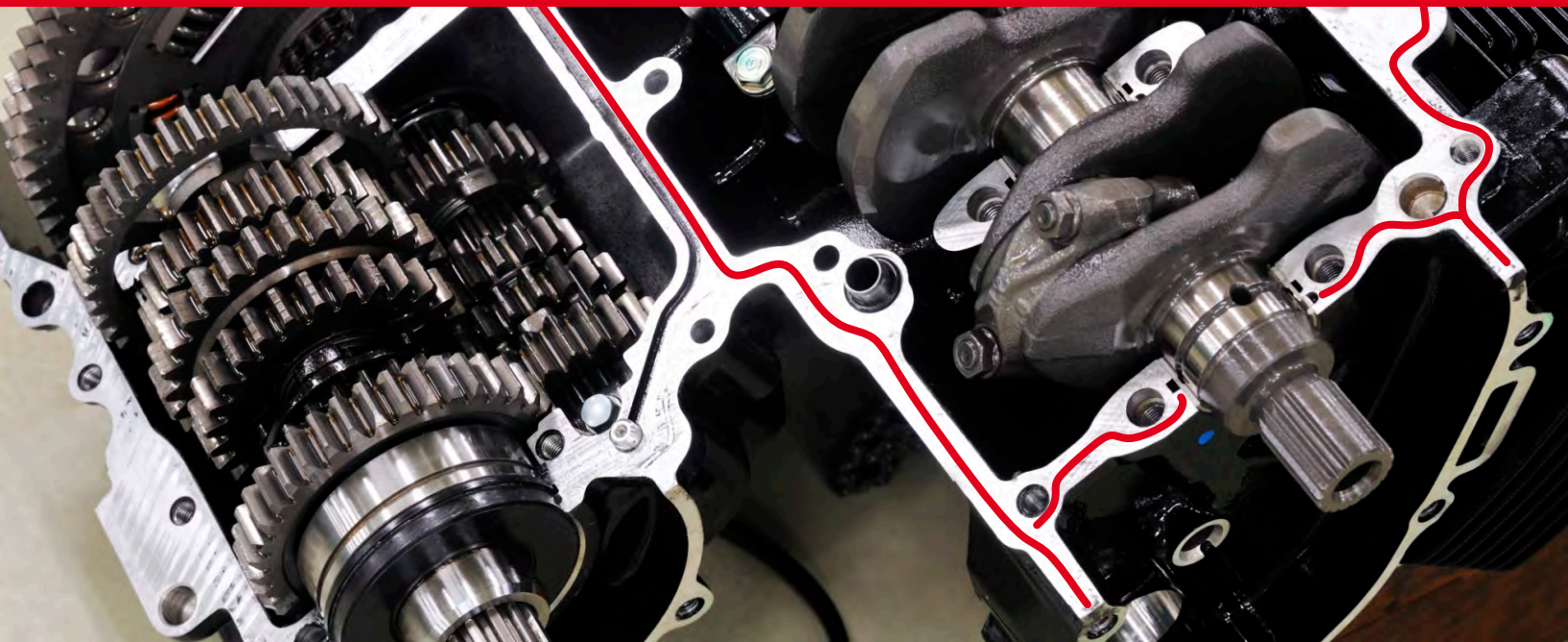
Slow Curing Sealant that allows micro movements during assembly operations. Good sealing against oil and water / glycol. High viscosity.



JET-CHEM
INC.

PROPERTIES TABLE - JET GASKETING COMPOUND

PRODUCT	Typical Use	Color	Gap Filling	Cured State	Viscosity cP	Temperature Range	Curing Speed	Specific Gravity
5504	Large Gap Filling	Orange	Without Primer .030" With Primer .050"	Rigid	Thixotropic 500,000/ 1,200,000	-54°C a 150°C	Without Primer 4 a 24 hrs. With Primer 30 min a 4 hours	1.08
5509	Very Flexible	Blue	Without Primer .010" With Parimer .020"	Flexible	Thixotropic 65,000/ 200,000	-54°C a 150°C	Without Primer 6 a 48 hrs. With Primer 1 a 6 hours	1.12
5510	High Temp. Applications. Excellent Resistance to Solvents.	Red	Without Primer .010" With Primer .020"	Rigid	Thixotropic 188,000/ 500,000	-54°C a 204°C	Without Primer 4 a 24 hrs. With Primer 30 min a 4 hours	1.16
5515	For Flexible Applications	Purple	Without Primer .010" With Primer .050"	Flexible	Thixotropic 275,000/ 950,000	-54°C a 150°C	Without Primer 1 a 12 hrs. With Primer 15 min a 2 hours	1.10
5518	For all Metals including Aluminum Joints	Red	Without Primer .010" With Primer .020"	Flexible	Thixotropic 800,000/ 3,750,000	-54°C a 150°C	Without Primer 4 a 24 hrs. With Primer 30 min a 4 hours	1.13
5573	Slow Curing for extended assembly applications	Green	Without Primer .010" With Primer .020"	Semi Rigid	Thixotropic 19,000/ 60,000	-54°C a 150°C	Without Primer 6 a 48 hrs. With Primer 1 a 6 hours	1.25
5574	Fast Cure For big Gaps	Orange	Without Primer .010" With Primer .020"	Semi Rigid	Thixotropic 30,000/ 100,000	-54°C a 150°C	Without Primer 1 a 12 hrs. With Primer 15 min a 2 hours	1.11
5205	Fast Cure flexible	Red	Without Primer .010" With Primer .020"	Flexible	Thixotropic 110,000/ 345,000	-54°C a 150°C	Without Primer 1 a 24 hrs. With Primer 5 min a 24 hours	1.19
5206	Slow Cure flexible	Red	Without Primer .010" With Primer .020"	Flexible	Thixotropic 110,000/ 345,000	-54°C a 150°C	Without Primer 4 a 24 hrs. With Primer 5 min a 24 hours	1.19





JET RETAINING COMPOUNDS

For rigid cylindrical assemblies, **Anaerobic Adhesives known as Retaining Compounds** enable manufacturers to bond parts that once could only be assembled using press fits or shrink fits.

Jet Retaining Compounds secure bearings, bushes and cylindrical parts on shafts and housings, achieving maximum transmission capacity and a uniform load stress distribution, while eliminating fretting corrosion.

Applied in Liquid stage, create a 100% contact between metal surfaces avoiding costly parts, machined or prolonged use of conventional mechanical methods.

They are high-strength products that can carry high loads and fill all voids to prevent corrosion and wear. The surfaces' contact is 100% and the load and stress are evenly distributed in the union.

5603 Jet Retaining Tolerant to Oil

This Retaining Compound is tolerant to oil and other small contaminations. Seals and retains cylindrical assemblies with a radial clearance up to 0.13 mm. Sets in 10 minutes. Prevents wear and corrosion of cylindrical assemblies.

5609 Jet Retaining General Purposes

Low Viscosity Retaining Compound for Rigid Metal assemblies. Ideal for radial clearances of 0.13 mm. Set up in 10 minutes and provides a shear strength of 3,000 psi after 24 hours. Easily joins dissimilar metals. It withstands temperatures up to 149 °C.

5620 Jet Retaining High Temperature

High Temperature Retaining Compound up to (232 °C), and high viscosity. It provides up to 3,500 psi strength in steel parts. Secures and retains cylindrical metal assemblies up to a diametrical gap of 0.4 mm. Prevents wear and corrosion of metals. Sealed against leaks.

5635 Jet Retaining High Resistance / Slow Cure

High Viscosity, High Strength, Slow Curing Retaining Compound which allows adjustments of the parts during assembly.

5638 Jet Retaining Maximum Strength

Maximum Strength Retaining Compound for use where it is expected the existence of dynamic forces and load cycles. Retains cylindrical assemblies to a diametrical clearance of 0.25mm. Fixed in 5 minutes.

5640 Jet Retaining Medium Strength High Temperature

Medium Viscosity Retaining Compound which resists temperatures up to 204 °C.



5641 Jet Retaining Controlled Resistance

Controlled Strength Jet Retaining compound which makes it ideal for cylindrical parts that require disassembly.

Recommended for a diametrical clearance up to 0.2 mm. Set up time 10 - 30 minutes.

5648 Jet Retaining High Strength / Fast Cure

Retaining Compound recommended for continuous operating temperatures up to 149°C. Full diametrical clearances up to 0.15 mm. Fixed in 5 minutes.

5660 Jet Retaining Gel Retaining Compound for assemblies by Interference.

Creamy non-drying Retaining Compound ideal to Repair worn machined parts. Restores proper adjustment to coupled assemblies. Full diametrical clearances up to 0.5mm.

5675 Jet Retaining Medium Strength

Low Viscosity Retaining Compound which increases the resistance in assemblies by interference. Slow curing allows adjustment of parts during assembly.

5680 Jet Retaining High Strength - High Viscosity.

Retaining Compound for attaching cylindrical parts. Set up time 10 minutes and provides a shear strength of 4,000 psi after cured for 24 hours in steel. Full diametrical clearances up to 0.4 mm.



PROPERTIES TABLE - JET RETAINING COMPOUND

PRODUCT	Typical Use	Color	Gap Filling (diametral)	Viscosity cP	Shear Strength Steel/Steel (PSI)*	Temperature Range	Curing Speed Steel @ 25°C	Specific Gravity	Military Spec.
5603	For small gaps with little contamination	Green	0.13 mm	125	3,770	-54°C a 149°C	Fixing – 30 min. Total – 24 hrs.	1.10	
5609	To increase resistance by interference	Verde	0.13 mm	125	3,000	-54°C a 149°C	Fixing – 10 min. Total – 24 hrs.	1.10	Specification Mil-(R-46082B) Type I
5620	For high Temperature applications	Green	0.4 mm	8,500/ 22,000 Thixotropic	3,800	-54°C a 232°C	Fixing – 1 hr Total – 24 hrs.	1.16	
5635	High Strength for sliding assemblies	Green	0.25 mm	2,000	4,000	-54°C a 149°C	Fixing – 1 hr Total – 24 hrs.	1.05	Specification Mil-(R-46082B) Type III
5638	High strength loose connections	Green	0.25 mm	2,500	4,500	-54°C a 149°C	Fixing – 5 min Total – 24 hrs.	1.09	
5640	For high temperature applications	Green	0.18	600	3,000	-54°C a 204°C	Fixing – 1 hr Total – 24 hrs.	1.12	Specification Mil-(R-46082B) Type III
5641	Midium Strength for removable Bearings	Yellow	0.20 mm	8,500/ 22,000 Tixótropico	1,700	-54°C a 149°C	Fijación – 30 min. Total – 24 hrs.	1.07	
5648	Fast Fixing for small Gaps	Green	0.15 mm	500	3,900	-54°C a 149°C	Fixing – 5min. Total – 24 hrs.	1.13	
5660	To repair worn machinery parts	Silver	0.5 mm	250,000/ 1,500,000	3,335	-54°C a 149°C	Fixing – 20 min. Total – 24 hrs.	1.13	
5661	Anaerobic fast curing UV curing for rivets	Ambar	0.15 mm	500	3,500	-54°C a 149°C	Fixing- 5 min. Total – 24 hrs.	1.11	
5675	For small gaps	Green	0.13 mm	125	3,000	-54°C a 149°C	Fixing – 20 min. Total – 24 hrs.	1.09	Specification Mil-(R-46082B) Typel
5680	High Strength for sliding assemblies	Green	0.4 mm	1,250	4,000	-54°C a 149°C	Fixing- 10 min. Total – 24 hrs.	1.11	



JET LOCKER COMPOUNDS

THREAD LOCKING

Jet Locker Anaerobic Products: Threadlockers are single-component adhesives that cure in the absence of air and in contact with active metal to form a tough thermoset plastic. They completely fill all voids between the interfacing threads, which makes the assembly a unitized component and ultimately prevents loosening.

Though anaerobic applications differ widely, in most cases the adhesive provides high shear strength.

Features:

- Monocomponents.
- Clean and easy to apply.
- Resistant to vibration.
- Fix and Seal any thread.
- Reduce inventory costs.

5222 Jet Locker Low Strength Small Screws

Ideal for screw diameters of 1/4" (6 mm) and below. Controlled lubricity for accurate fixed charges. Parts can be separated using common tools.

5242 Jet Locker Medium Strength

General Purposes Removable Thread locking for screw between 1/4" to 3/4" (6-20 mm) in diameter. Controlled lubricity for accurate fixed charges. Parts can be separated using common tools.

5243 Jet Locker Medium Strength Oil Resistance

General Purposes Medium Strength Thread locking with improved oil tolerance for Screws 1/4" to 3/4" (6-20 mm) in diameter.

5262 Jet Locker Strength Medium-High

High Strength Permanently fixing Thread locker for screw threads up to 3/4" (20mm) in diameter. Excellent for preventing rust and corrosion in extreme environmental conditions and in presence of chemicals.

5266 Jet Locker High Strength High Temperature

Thread locking resistant to slightly oil contaminated surfaces. Resistant to temperatures up to 232°C. Fix bolts up to 3/4" (20mm) in diameter.

5271 Jet Locker High Strength

High Strength - Low Viscosity Thread locking for screws up to 1" (25mm) in diameter.

5277 Jet Locker High Strength

Thread locker for screws up to to 1/2" (36mm). Protects the threads from oxidation and corrosion. Removable with heat and hand tools.

5290 Jet Locker Penetrating Grade

Medium Strength Thread locking for pre-assembled screws to 1/2" (12 mm). Penetrates the ropes by capillary action. Ensures screws and other assemblies after they are assembled. Seals welding porous in metal parts. Protects threads from rust and corrosion. It requires heat and hand tools for disassembly.



5272 Jet Locker High Temperature High Strength

It withstands temperatures up to 232 ° C. Provides quick cure in most surfaces including screws "as received". Recommended for bolts up to 1 1/2 "(36mm) in diameter. Heat and hand tools are required for disassembly.

5246 Jet Locker High Temperature Medium Strength

This thread locker resists oil and lightly contaminated surfaces. Continuous temperatures of 232 ° C. Suitable for screws 1/4 "to 3/4" (6-20 mm) in diameter.

5294 Jet Locker High Temperature Penetrating Grade

Ideally suited for pre-assembled screws. Works well with screws lightly contaminated with oil.

PROPERTIES TABLE - JET LOCKER COMPOUNDS

PRODUCT	Typical Use	Color	Viscosity cP	Torque Breaking / Residual inch-pound (Nuts & Bolts M10)	Temperature Range	Curing Speed Steel @ 25 °C	Oil tolerance	Specific Gravity	Specifications
5222	Small Bolts under 1/4"	Purple	1,200/ 5,000 Thixotropic	53/30	-54°C to 149°C	Fixing – 20 min. Total – 24 hrs.	-	1.05	-
5242	Removable grade. Bolts Up to 3/4"	Blue	1,200 / 6000 Thixotropic	115/53	-54 °C to 149 °C	Fixing – 10 min Total – 24 hrs.	-	1.07	Specification Mil-(S-46163) Type II Grado N
5243	Bolts up to 3/4" Light Oil Contamination	Blue	2,250/ 12,000 Thixotropic	180/62	-54°C to 149°C	Fixing – 10 min. Total – 24 hrs.	Yes	1.08	
5246	High Temperature Medium Strength	Blue	2,600	170/48	-54°C to 232°C	Fixing – 7 min Total – 24 hrs.	Yes	1.15	-
5262	Permanent Fix Bolts up to 3/4"	Red	1,800/ 5,000 Thixotropic	190/275	-54°C to 149°C	Fixing – 20 min. Total – 24 hrs.	-	1.05	Specification Mil-(R-46082B) Type II. Grade O
5266	High Temperature High Strength	Red - Orange	3,750 – 9000	270/35	-54°C to 232°C	Fixing – 40 min. Total – 3 hrs.	Yes	1.19	-
5271	High Strength Bolts up to 1" diameter	Red	500	230/320	-54°C to 149°C	Fixing – 10min. Total – 24 hrs.	-	1.12	Specification Mil-(S-46163) Typel Grade K
5272	High Temperature Applications	Red	9,500	200/220	-54°C to 232°C	Fixing – 30 min. Total – 24 hrs.	-	1.11	-
5277	High Strength for long Bolts	Red	7,000	275/275	-54°C to 149°C	Fixing – 30 min. Total – 24 hrs.	-	1.12	Specification Mil-(S-46163) Type I Grade I
5290	Penetrating Grade for preassembled parts	Green	12	85/250	-54°C to 149°C	Fixing- 20 min. Total – 24 hrs.	-	1.08	Specification Mil-(S-46082 [®]) Type III. Grade R
5294	High temperature Penetrating Grade	Gree	34.5	289/237	-54°C to 204°C	Fixing – 10 min. Total – 24 hrs.	Yes	1.13	-



JET SEALANT COMPOUNDS

Threaded Parts Sealants

Jet Thread Sealant are available to quickly and smoothly seal a wide range of pipes and prevent leakage of gases and liquids.

Jet Sealant Products fill the empty space between threaded parts and provide an instant seal up to 1,000 psi and after

obtaining full cure provide a seal which is usually higher than the burst pressure of the pipe (10,000 psi).

They do not pollute, do not shrink or break even in the most extreme conditions.

5511 Jet Sealant Fast Curing

A low Resistance and quick Sealer for fixing conical/straight fluids accessories. Controlled resistance to facilitate disassembly

5542 Jet Sealant Fine

A liquid Sealant recommended for sealing fine threads in hydraulic and pneumatic connectors.

5545 Jet Sealant Hydraulic / Pneumatic Sealant

A liquid Sealant to close and seal High Pressure Fluid's Power Systems with conical accessories. It contains no fillers and no ruins valve systems or filtering fluids.

5565 Jet Sealant Resistencia Controlada

Un sellante instantáneo para toda aplicación, para accesorios cónicos y recto/cónicos. Resistencia controlada para facilitar el desarmado.

5567 Jet Sealant Alta Temperatura

Soporta temperaturas hasta 204°C con excelente resistencia a solventes. Fija sella tuberías y conexiones roscadas y cónicas, incluyendo aplicaciones de alta presión. Use herramientas de mano para el desensamble.

5572 Jet Sealant Resistencia Baja

Sellador de baja resistencia con una velocidad de fijación moderada para el uso en roscas estándar.

5577 Jet Sealant Roscas Estándar

Sellador de propósitos generales de resistencia media para uso en componentes con rosca estándar.

5580 Jet Sealant Bajo Contenido de Halógeno/Sulfuro

Para conexiones en sistemas de combustible fósil, solar e hidroplantas.



5554 Jet Sealant Cooling Seal

Excellent Solvent Resistance Sealant for pipes and fittings with thread up to 3 "diameter. Recommended for cooling systems and services that use of harsh chemicals.

5592 Jet Sealant Slow Curing

Locks and seals threaded connections. Parts can be repositioned until after 24 hours of application.

PROPERTIES TABLE - JET SEALANT COMPOUNDS

PRODUCT	Typical Use	Color	Viscosity cP	Temperature Range	Seals Pressure Resistance	Specific Gravity
5511	Low Strength Fast Fixing	Cream	19,000/ 60,000 Thixotropic	-54°C to 149°C	Seals to operating Pressures up to 10.000 psi.	1.08
5542	Fine Threads	Brown	525/1,850 Thixotropic	-54°C to 149°C	Seals to operating Pressures up to 10.000 psi.	1.06
5545	Hydraulic/Pneumatic Sealant. No Fillings	Purple	14,000	-54 °C to 149 °C	Seals to operating Pressures up to 10.000 psi.	1.20
5549	Instant seals Plastic Joints	Orange	10,000/ 35,000	-54°C to 149°C	Seals to operating Pressures up to 10.000 psi.	1.25
5554	Cooling Sealant High Strength	Red	2,500	-54°C to 149°C	Seals to operating Pressures up to 10.000 psi.	1.02
5564	General Purposes	White	90,500	-54°C to 149°C	Seals to operating Pressures up to 10.000 psi.	1.17
5565	Controlled Resistance	White	300,000	-54°C to 149°C	Seals to operating Pressures up to 10.000 psi.	1.10
5567	For Stainless Steel conexions	White	540,000	-54°C to 204°C	Seals to operating Pressures up to 10.000 psi.	1.14
5568	Plastic Joints	Orange	6,500	-54°C to 149°C	Seals to operating Pressures up to 10.000 psi.	1.12
5569	Original Hydraulic Sealant	Brown	400	-54°C to 149°C	Seals to operating Pressures up to 10.000 psi.	1.05
5571	Excellent Solvent Resitance	Brown	20,000	-54°C to 204°C	Seals to operating Pressures up to 10.000 psi.	1.10
5572	Low Strength Slow Curing	White	17,000/ 50,000	-54°C to 149°C	Seals to operating Pressures up to 10.000 psi.	1.25
5577	Medium Resistance Standard Threads	Yellow	24,000/ 80,000 Tixotrópico	-54°C to 82°C	Seals to operating Pressures up to 10.000 psi.	1.09
5580	Thread Sealant with low halide and sulfides contenti.	White	600,000	-54°C to 204°C	Seals to operating Pressures up to 10.000 psi.	1.08
5592	Medium Strength	White	350,000	-54 °C to 204 °C	Seals to operating Pressures up to 10.000 psi.	1.21