

AJ Adhesives offers a complete line of anaerobic adhesives/sealants capable for thread-locking, threadsealing, retaining, and gasketing applications.

AJ's anaerobics are available in different strengths, cure times, and viscosities to meet any specific application requirements.



ANAEROBICS

Your AJ Adhesives representative can help select the proper product from the following list or formulate a customized solution that will fulfill your application needs. Samples are also available for testing purposes.

Product	Viscosity	Temperature	Description
THREAD LOCKERS			
TORQUE 21 TL	200 cPs LT	-60 °F to 350 °F	Low strength thread-locking, low-viscosity, for small screws, easy disassembly.
TORQUE 22 TL	1200 cPs MT	-60 °F to 350 °F	Low strength thread-locking. Ideal for small screws, 1/4" and smaller. Controlled lubricity for accurate clamp loading. Easy disassembly.
TORQUE 41 TL	200 cPs MT	-60 °F to 350 °F	Medium strength thread-locking. Low viscosity for fine tolerances and small diameter fasteners.
TORQUE 42 TL	1200 cPs MT	-60 °F to 350 °F	General purpose, medium strength, removable. Ideal for fasteners 3/4" or smaller. Controlled lubricity, for accurate clamp loading.
TORQUE 43 TL	5000 cPs MT	-60 °F to 350 °F	Medium strength, high viscosity. Improved oil resistance, larger diameter fasteners, removable.
TORQUE 62 TL	3500 cPs MT	-60 °F to 350 °F	High strength, permanent thread-locking. High lubricity for easy assembly. Rapid handling strength, excellent resistance to extreme chemical and environmental conditions.
TORQUE 71 TL	500 cPs MT	-60 °F to 350 °F	High strength, permanent thread-locking. Ideal for fasteners up to 1"
TORQUE 72 TL	9000 cPs MT	-60 °F to 450 °F	High strength, permanent thread-locking. Excellent high temperature properties 450° F.
TORQUE 77 TL	7000 cPs MT	-60 °F to 350 °F	High strength, permanent thread-locking. Higher viscosity for diameters over 1"
TORQUE 90 TL	12 cPs LT	-60 °F to 350 °F	High strength, wicking grade. Ideal for post application to preassembled fasteners. Penetrates threads by capillary action. Secures screws, bolts, seals welds, porous metal parts
THREAD SEALERS			
TORQUE 154	2,500 cPs	-60 °F to 350 °F	Refrigerant sealant. Excellent solvent resistance. For pipes up to 3" in diameter. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container.

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Product	Viscosity	Temperature	Description
THREADSEALERS (CONT'D)			
TORQUE 165	300,000 cPs	-60 °F to 350 °F	Controlled strength pipe sealant for easy disassembly. General purpose, instant sealing. Packaged in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion
TORQUE 170	4,500 cPs	-60 °F to 400 °F	Easy disassembly thread sealant. Seals and prevents vibration loosening. Lower viscosity for better flow and ease of application. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container.
TORQUE 171	40,000 cPs	-60 °F to 350 °F	High viscosity, fast fixturing sealant. Controlled strength for ease of disassembly. Packaged in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion.
TORQUE 172	750 cPs	-60 °F to 350 °F	Low strength sealant for small threads and pneumatic fittings. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container.
TORQUE 173	500 cPs	-60 °F to 350 °F	Hydraulic sealant, general purpose, fittings up to 3/4". Ideal for fine threads. Medium strength. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container
TORQUE 174	3,500 cPs	-60 °F to 350 °F	Hydraulic sealant, high viscosity, thixotropic. Ideal for larger tolerances. Medium strength. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container
TORQUE 175	4,000 cPs	-60 °F to 350 °F	Medium strength, flexible sealant. Ideal for steam systems, dissimilar parts, and thermo-cycling applications. Replaces soldering copper fittings. Packaged in: 50 mil bottle, 250 mil bottle, 1 liter container.
TORQUE 176	20,000 cPs	-60 °F to 350 °F	Medium strength sealant for larger tolerances. Packaged in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion.
TORQUE 177	90,000 cPs	-60 °F to 350 °F	Fast curing PTFE pipe sealant for gas and liquids. Highly thixotropic. Packaged in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion.
TORQUE 181	3,500 cPs	-60 °F to 450 °F	Fast curing, high strength, high temperature thread sealant, for larger tolerances. Packaged in: 50 mil bottle, 250 mil bottle, and 1 liter container.
TORQUE 193	475,000 cPs	-60 °F to 450 °F	Excellent for stainless steel. Good temperature resistance. Easy disassembly. Packaged in: 50 mil tube, 250 mil tube, 1 liter container, 75 mil accordion, and 125 mil accordion.
RETAINING COMPOUNDS			
TORQUE 03 RC	125 cPs	-65 °F to 350 °F	Excellent for oily surfaces and other contamination. Prevents corrosion, provides strength up to 3,800 psi, temperature resistance to 350° F
TORQUE 09 RC	125 cPs	-65 °F to 350 °F	General purpose, low viscosity retaining compound. Fixtures in under 10 minutes, providing shear strength up to 3,800 psi, works well on similar and dissimilar metals. Temperature resistance to 350° F
TORQUE 20 RC	8500 cPs	-65 °F to 450 °F	High strength, high temperature retaining compound. Shear strength up to 4,000 psi, radial clearance up to .015". Fixtures in under 15 minutes.
TORQUE 35 RC	2000 cPs	-65 °F to 350 °F	Medium viscosity, ideal for slip fitted parts. Fixtures in 10 minutes, shear strength up to 4,200 psi, temperature up to 350° F.

GASKETING OPTIONS ALSO AVAILABLE

AJ Adhesives is the manufacturing industry's premier source of industrial adhesives and industrial adhesive application equipment. Ordering from AJ is the most cost effective and productive route to adhesive purchasing with supported territories throughout the Midwest, Southwest, Northwest and Northern U.S. and warehouse locations in St. Louis, Chicago, Houston and Seattle.

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