

Loctite Adhesive

Applications	Stock Code	Loctite Product No.	Colour	Viscosity (mPa.s)	Breakloose/Preval Torque (N.m)	Tensile Shear Strength (N/mm ²)	Operating Temperature	Key Features
Thread Sealing: Provides a fluid tight seal for threaded assemblies and piping systems up to 150°C. For use on metal piping material such as carbon steel, cast iron, and stainless steel. Not for use on most thermoplastics, in pure oxygen and/ or an oxygen rich system and as sealants for chlorine or other strong oxidising materials.								
Pneumatic/ Hydraulic Connections (Up To M36 Pipe Size)	AU00186	542-32	Brown	525	25/ 11.5	–	Up to 150°C	Fast cure. Suitable for Taper/ Straight thread type.
General Purpose Pipe Sealant (Up to M80 Pipe Size)	AU00187	545-31	Purple	14,000	2 ⁵ / NA	–	Up to 150°C	Suitable for Taper/ Taper (NPT) thread type. Low controlled strength for easy disassembly.
General Purpose Pipe Sealant (Up To M80 Pipe Size)	AU00188	565-31	White	300,000	5 ⁵ / NA	–	Up to 150°C	Instant seal. Suitable for Taper/ Taper (NPT), Taper/ Straight thread type. Low controlled strength for easy disassembly.
General Purpose Pipe Sealant (Up To M80 Pipe Size)	AU00389	577	White	17,000	20/ 3	–	Up to 150°C	Slow cure, medium strength. Suitable for Taper/ Straight thread type. Low controlled strength for easy disassembly.
Flange Sealing: Provides a fluid tight seal between flanged assemblies. Full performance fluid seal capability achieved in 24 to 72 hours.								
For Rigid Structural Close Fitting Flanges (Gap Fill Up To 0.2mm)	AU00388	509	Light Blue	65,000	–	8/ 3	Up to 150°C	Remains Flexible at high temperature. Excellent fluid resistance.
For Rigid Close Fitting Flanges (Gap Fill Up To 0.2mm)	AU00183	510	Red	188	–	7.5/ 7	Up to 200°C	High temperature resistance. Excellent fluid resistance.
General Purpose OEM, and Aluminium Castings (Gap Fill Up To 0.5mm)	AU00185	518-31	Red	800	–	8.5/ 8.5	Up to 150°C	Excellent fluid resistance. High flexibility.
For Rigid Structural Close Fitting Flanges (Gap Fill Up To 0.5mm)	AU00192	574	Orange	30,000	–	5/ 8.5	Up to 150°C	Fast cure. Ideal for silk screen application.
Oil Resistant RTV Silicones: Non-slumping, non-corrosive, low odour and low volatile silicone adhesive/ sealant.								
Oil Resistant RTV Automotive Powertrain (Low Joint Movement) (Gap Fill Up To 6mm)	AU00390	Ultra-Grey™ 5699/33964	Grey	Paste	–	3/ 2	Up to 200°C	Medium modulus, low elongation. Provides an instant seal.
Retaining: Bonding cylindrical metallic assemblies (Hub to shaft). Achieving success in bonding dissimilar material requires careful engineering consideration.								
General Purpose (For Radial Clearance <0.1mm)	AU00195	603	Green	125	–	NA/ 26	Up to 150°C	Works on surface insensitive materials, oil tolerant. High strength.
High Temperature, Non-migrating (OEM) (For Radial Clearance <0.1mm)	AU00197	620-40	Green	8,500	–	NA/ 27	Up to 200°C	High thermal durability. High strength.
Fast Curing (For Radial Clearance >0.1mm- <0.25mm)	AU00199	638-31	Green	2,500	–	NA/ 31	Up to 150°C	Fast curing and high strength.
Medium Strength (For Radial Clearance <0.1mm)	AU00391	641	Yellow	525	–	NA/ 11.5	Up to 150°C	Medium strength, low viscosity.
High Strength (For Radial Clearance <0.1mm)	AU00201	648-32	Green	500	–	NA/ 26.5	Up to 175°C	High temperature resistance. High strength.
Repair And Maintenance (For Radial Clearance >0.1mm- <0.5mm)	AU00202	660-40	Grey	Paste	–	NA/ 23	Up to 150°C	Fast curing. Large gap fill. High strength.
Bonding: Single Component, rapid fixturing solvent free cyanoacrylate adhesive which bond to nearly all materials except glass.								
General Purpose. Surface Insensitive. Bond Porous, Acidic And Absorbent Substrates	AU00176	401-40	Clear	100	–	18.5/ 22	Up to 80°C	Rapid fixturing. Bonds well to most plastics and inactive materials.
	AU00178	406-47	Clear	20	–	18.5/ 22	Up to 80°C	
Low Bloom, Low Odour	AU00181	454	Clear	Gel	–	18.5/ 22	Up to 80°C	Leaves parts cosmetically clean. Eliminates expensive ventilation system.
	AU00385	460	Clear	45	–	17.5/ 18	Up to 80°C	
Toughened	AU00386	480	Black	350	–	18.5/ 26	Up to 100°C	Excellent impact and shock resistance. Good thermal resistance.
Thermal Resistant	AU00378	4210/19758	Black	200	–	NA/ 25	Up to 120°C	Excellent thermal durability. Retains a high percentage of bond strength even after long hours expose of heat.
	AU00163	4212/19766	Black	Gel	–	NA/ 27	Up to 120°C	
Bond Multi-Substrates, Especially For Metal	AU00387	496	Clear	125	–	18.5/ 25	Up to 80°C	Rapid fixturing, particularly formulated for bonding metal.