



Product	General usage		Colour	STATIC SHEAR STRENGTH N/mm <sup>2</sup>	BREAKAWAY TORQUE Nm	PREVAILING TORQUE Nm	VISCOSITY cPa	RECOMMENDED GAP FILLING mm	MAXIMUM GAP FILLING mm	RECOMMENDED FIBRE mm	TEMP. RANGE °C
222	Threadlocking under 6mm Mild strength		Purple	3 to 9	3 to 11	1 to 5	840 to 1560	0.05	0.15	747	-50 to 150
243	Threadlocking 6 to 12mm Medium strength		Blue	8 to 14	15 to 25	4 to 10	1450 to 2650	0.05	0.15	747	-50 to 150
270	Threadlocking 12 to 20mm High strength		Green	11 to 20	16 to 36	22 to 50	400 to 600	0.05	0.15	747	-50 to 150
272	Threadlocking 12 to 20mm High strength		Red	11 to 20	16 to 36	22 to 50	600 to 900	0.05	0.15	747	-50 to 150
277	Threadlocking 20mm High strength		Red	10 to 20	15 to 30	18 to 35	600 to 2000	0.05	0.20	747	-50 to 150
290	Locking of preassembled fasteners, weld sealing		Green	6 to 20	5 to 16	20 to 50	10 to 15	0.05	0.05	747	-50 to 150
603	Retaining of bearings High strength		Green	6 to 25	20 to 45	25 to 55	100 to 150	0.05	0.15	747	-50 to 150
638	Retaining of gears, pulleys Very high strength		Green	20 to 35	25 to 50	30 to 60	2000 to 3000	0.05	0.15	747	-50 to 150
641	Retaining of cylindrical parts which require frequent disassembly Medium strength		Yellow	7 to 16	8 to 22	8 to 15	350 to 650	0.05	0.15	747	-50 to 150
648	Retaining in high temperature Very high strength		Green	16 to 30	20 to 45	30 to 60	400 to 600	0.05	0.15	747	-50 to 175
660	Repairs to worn cylindrical parts		Silver	6 to 16	—	—	840 000 to 1 500 000	0.10	0.25	747	-50 to 150
510	Double action High temperature		Red	5 to 15	—	—	10 000 to 500 000	0.05	0.2	764	-50 to 300
518	Double action		Red	5 to 15	—	—	10 000 to 1 000 000	0.05	0.2	764	-50 to 180
542	Seals and locks high pressure fittings		Brown	7 to 16	8 to 20	8 to 15	350 to 650	0.05	0.1	764	-50 to 150
55	Seal threaded components such as pipe couplings and fitting to a maximum of 120mm O.D. with either parallel or tapered threads which seal against water		White	—	—	—	Coated Thread	—	—	—	-30 to 130
572	Seals and locks taper threaded fittings		White	2 to 8	4 to 10	1 to 5	12 000 to 22 000	0.05	0.20	764	-50 to 150
593	Silicone sealer for gasketing		Black	Tensile 2 to 4	—	—	Thixotropic	0.20	6.0	—	-70 to 205
594	Silicone sealer for gasketing		White	Tensile 2 to 4	—	—	Thixotropic	0.20	6.0	—	-70 to 205
595	Silicone sealer for gasketing		Clear	Tensile 2 to 4	—	—	Thixotropic	0.20	6.0	—	-70 to 205
5699	Non corrosive, low odour, non-sagging grey silicone sealer for gasketing		Grey	Tensile 2 to 4	—	—	Thixotropic	0.20	3.0	—	-60 to 329
5920	Non corrosive, low odour, non-sagging copper silicone sealer for high temperature gasketing		Copper	1.4 to 3.3	—	—	Thixotropic	0.20	3.0	—	Intermittent -60 to 329
324	Adhesive for bonding metals, glass substrates High strength		Amber	Tensile 19 to 34	—	—	12 000 to 24 000	0.05	0.25	707	-50 to 120
330	Adhesive for general purpose usage		Amber	Tensile 12 to 22	—	—	50 000 to 80 000	0.05	0.50	707	-50 to 120
401			Clear	Tensile 18 to 26	—	—	95 to 125	0.05	0.10	729	-50 to 80
406			Clear	Tensile 5 to 20	—	—	10 to 30	0.05	0.10	770	-50 to 80
415			Clear	Tensile 20 to 30	—	—	1 100 to 1 600	0.05	0.25	729	-50 to 80
420			Clear	Tensile 15 to 26	—	—	1 to 5	0.05	0.05	729	-50 to 80
480	Flexible rubber toughened cyanoacrylate with enhanced resistance to shock loads		Black	Tensile 22 to 30	—	—	100 to 500	0.05	0.10	729	-50 to 80
496	Cyanoacrylate adhesive for general purpose bonding		Clear	Tensile 20 to 30	—	—	100 to 120	0.05	0.10	729	-50 to 80
4850	Medium viscosity, fast curing single component cyanoacrylate specifically formulated for soft and flexible substrates which hardens to a polymer.		Clear	Tensile 11 to 15	—	—	250 to 500	0.05	0.10	729	-50 to 80
4860	High viscosity, flexible, low wicking, single component cyanoacrylate specifically formulated for soft and flexible substrates.		Clear	Tensile 11 to 17	—	—	3 000 to 5 000	0.05	0.10	729	-50 to 80
770	Surface treatment for grreater adhesion and polyethylene, PTFE, thermoplastic rubbers, etc.		Clear	Clear	—	—	0.5 to 2.0	—	—	—	—
767	Heavy duty, high temperature, anti seize compound that resists galling, cold welding and corrosion		Silver	Silver	—	—	200 000 to 300 000	0.05	—	—	-50 to 1075



**LEATHER**

LEATHER TO ANY MATERIAL

415

**RUBBER**

RUBBER TO RUBBER

401/420

NEOPRENE RUBBER TO ITSELF

480

RUBBER TO PLASTIC

401

RUBBER TO METAL

496

RUBBER TO FIBREGLASS

415

RUBBER TO ALUMINIUM

496

EPDM RUBBER TO ITSELF

401/420

NITRILE RUBBER TO ITSELF

401/420

POLYURETHANE RUBBER TO ITSELF

401

GASKET BONDING

496

NEOPRENE SHEETING BONDING

401

BUTYL RUBBER SHEETING BONDING

401

**PLASTIC**

ABS TO ABS

401/420

RIDGED POLYSTYRENE TO ITSELF

401/420

POLYPROPYLENE TO ITSELF

401/420

**CHINA**

CHINA TO CHINA

401

POTTERY REPAIR

496

EARTHENWARE REPAIR

496

**GLASS**

GLASS TO ITSELF

CGA1

GLASS TO METAL

324 WITH PRIMER

GLASS TO ALUMINIUM

324 WITH PRIMER

**METAL**

FABRICATED MILD STEEL TO ITSELF

324 WITH PRIMER

STAINLESS STEEL TO ITSELF

324 WITH PRIMER

FOR METAL TO METAL PIPE SEALANT

LOCTITE 55

**FUNCTIONAL**

BONDING PRECIOUS STONES INTO

SETTINGS

LOCTITE 324 WITH PRIMER

JOINING SOLES TO UPPERS AND  
REPAIR TORN PARTS EG STRAPS ETC

LOCTITE 480

SEALING LEAKS IN RADIATOR

PERMATEX 17J

DASHBOARD REPAIRS

VR-9A

STRIPPED THREAD REPAIR

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