

Devweld 531



- Excellent shear, peel and impact strength over a wide temperature range
- Non-sagging gel
- Resistant to weathering and humidity
- Ideal for aluminium, mild steel, stainless steel, ABS, acrylics (PMMA), polyesters, urethanes, GRP, styrenes, PVC and wood
- Extended open and fixture time

The viscosity and flow properties of Devweld 531 are ideal for robotic meter-mix application. Non-sagging beads can be dispensed at very high speeds with moderate pressures through disposable static mixers.

Technical Data	Part A	Part B
Viscosity (Tb10rpm) (TA10rpm)	70.400cps (45)	45.000cps (45)
Colour	Off White	Yellow
Specific Gravity	1.03	0.97
Mix ratio	1:1	1:1
Open time	10 minutes	10 minutes
Working Time	10 – 11 minutes	10 – 11 minutes
Fixture Time	30 – 35 minutes	30 – 35 minutes
Full Cure	24 hours	24 hours
Solvents	None	None
Operational Temperature Range	-55 to +120°C	-55 to +120°C

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Mftrs. List No.	Order Code	1+	5+	10+	50+	100+
50ml Tube	21500	703-9517				

Anaerobic Adhesives

Retainers



- Converts any fastener into a locking fastener
- Superior vibration resistance
- Seals against corrosion and leaks
- Range of strengths for ease of dismantling

Adhesives which cure in the absence of air and contact with metallic parts. They cure rapidly into a tough plastic, resistant to temperature and solvents. Particularly suited to securing fasteners, retaining bearings, bushes and other cylindrical parts.

Screwlock 222 – Low strength for precision screws and fasteners made from brass and aluminium. Meets MOD specification **AFS1737A DTD900/6003C**.

Nutlock 242 – Medium strength ensures dismantling can be carried out with normal hand tools. Meets MOD specification **AFS1737A DTD900/6003A**.

Studlock 270 – High strength, permanent thread locker for use where dismantling is not normally required.

Penetrating 290 – High strength threadlocker used for post assembly thread locking and to seal porosity of casting and welds.

Retainer 601 – High strength adhesive used to retain slip fitted bushes and bearings and to restore fit to worn parts.

	Screwlock 222	Nutlock 242	Studlock 270	Penetrating 290	Retainer 601
Order Code	537-056/701-7571	107-581	537-068/701-8617	146-316	146-317
Colour	Pink	Blue	Green	Green	Green
Viscosity cps	840-1560	840-1560	500	15	125
Gap fill mm	0.25	0.25	0.15	0.05	0.15
Handling Strength mm	15	15	15	15	15
Full cure hrs	2	12	12	12	6
Shear Strength N/mm ²	3-9	5-15	11-20	6-20	16-30
Oper. Temp. °C (max)	150	150	150	150	150
Breakaway Torque Nm	3-11	8-18	16-36	5-16	15-40

CHM138

Mftrs. List No.	Order Code	1+	10+	50+	100+
Screwlock 222 (10ml)	0103114	.537-056			
Screwlock 222 (50ml)	0103012	701-7571			
Nutlock 242	0103224	.107-581			
Studlock 270 (10ml)	0103303	.537-068			
Studlock 270 (50ml)	0113032	701-8617			
Penetrating 290	0103360	.146-316			
Retainer 601	0103506	.146-317			

Retainer – 603



- High strength, low viscosity for as-received components
- Oil tolerant
- Ideal for fitting oil-impregnated brushes
- Fast cure on plated/passive parts

adh8

Mftrs. List No.	Order Code	1+	5+	10+	50+	100+
10ml	0103587	702-4083				
50ml	0103586	702-4071				

High-Strength Retainer – 638



- High strength, medium viscosity
- Enables higher cyclic loading
- Suitable for retaining heavy duty parts such as cylinder liners, splines, structural tubing and drive-keys

adh9

Mftrs. List No.	Order Code	1+	5+	10+	50+	100+
50ml	0113083	702-4368				

High-Temperature Retainer – 648



- High strength, medium viscosity
- Suitable for dynamically loaded assemblies
- Operating temperature up to 175°C

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Mftrs. List No.	Order Code	1+	5+	10+	50+	100+
50ml	0103644	702-4514				

Nutlock – 243



- Medium strength ensures dismantling can be carried out with normal hand tools
- Thixotropic
- Improved oil tolerance
- Ideal for passive and plated surfaces

adh2

Mftrs. List No.	Order Code	1+	5+	10+	50+	100+
10ml	0103242	701-8162				
50ml	0103248	701-8150				

Bearing Fit – 641



- Medium strength, medium viscosity
- Ideal for bearing and bushes which may require dismantling
- Prevents fretting corrosion

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Mftrs. List No.	Order Code	1+	5+	10+	50+	100+
50ml	0113072	702-4370				