



Bush & Sleeve Retainer

All products in this range are quality checked and fully guaranteed.

Product description:

D638 retainer is designed to give high strength retention under cyclic loading. D638 will retain its full strength and not suffer fatigue under load stress.

Applications:

D638 is a cylindrical parts supplement, suited to structural components such as cylindrical parts under dynamic load, keys, splines, even structural tubing with close tolerance fit.

Useful notes:

Surface keying action is greatly increased by rough surface finish, giving higher shear strength. Ideal roughness is between 10-120 microns with a preferred tolerance of between 30-100 microns. The larger gaps over 175 microns can result in ultimate strength loss.

Properties:

Fast hold: 5-7 mins @25°C.
Short ultimate cure: <6 hours.
Achieving 30N/mm(2) static shear.

Instructions for use:

Ensure parts are clean, dry and free from oil and grease.

For Material Safety Data Sheet (MSDS) visit www.draper.co.uk.

Procedure for application:

Product is normally hand applied from the bottle.

Storage:

Store in a cool area out of direct sunlight. Shelf life >12 months @20°C.

Technical features:

Resin	Urethane Acrylate
Colour	Green
Fixture speed	5 mins
Fixture speed no activator	5 mins
Fixture speed with activator	<5 mins
Viscosity	2500 cps
Gap fill	0.2mm
Flash point	>85°C
Shelf life	12 months min
Specific gravity	1.08
Max. operating temperature	-55°C to +150°C

Cured performance:

Full cure time	24 hours
Static shear strength	30 N/mm ²



Contains 2-hydroxypropyl methacrylate and trimethylolpropane triacrylate. Risk of serious damage to eyes. Irritating to respiratory system and skin. May cause sensitization by skin contact. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

Health & Safety at Work ect. Act 1974.

Control of Substances Hazardous to Health Regulations 1994.

COSHH Essentials.

EH40/series - Occupational Exposure Limits

Environmental Protection Act 1990.

Special Waste Regulations 1996.