



# Hydraulic Seal

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

## Product description:

D542 Hydraulic Seal is a thixotropic liquid which cures anaerobically to form a tough, high pressure seal on all types of threaded couplings used on low, medium and high pressure lines.

## Applications:

D542 is used for all types of hydraulic connections, sealing against typical pressure line ratings, use Hydraulic Seal to fit valves, threaded couplings, adaptors, quick disconnect parts, compression fittings and vibration proofing joints.

## Properties:

D542 is tolerant of a light oil film. Seals up to 400 bar, 20mm fittings. Vibration proofs joints. Easily dismantled with tools.

## Instructions for use:

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## Storage:

Store in a cool area out of direct sunlight.  
Shelf life >2 years @20°C.

## Technical features:

Resin	Dimethacrylate
Colour	Brown
Fixture speed no activator	10-20 mins
Fixture speed with activator	<5 mins
Spindle 2 @ 2.5rpm	1000 to 2750 cps
Spindle 2 @ 20 rpm	400 to 800 cps
Gap fill	0.05mm to 0.25mm
Flash point	>100°C
Shelf life	2 years @ 20°C
Specific gravity	1.06
Max. operating temperature	-55°C to +150°C

## Cured performance:

Full cure time	12 hours
Typical breakaway ISO 10964	15 N.m
Typical prevailing ISO 10964	>8 N.m
DIN 10964 breakloose	24 N.m
DIN 10964 prevailing	15 to 35 N.m
Typical break and prevailing	20 N.m/15 N.m



IRRITANT

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.