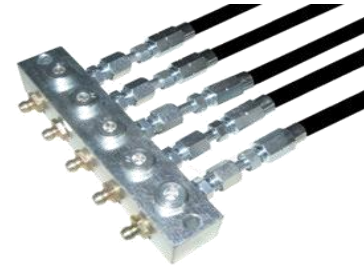


REMOTE GREASE LINES

AND AUTOMATIC LUBRICATION HOSE AND FITTINGS

8.6mm HIGH PRESSURE GREASE HOSE SYSTEM (TECHNICAL BULLETIN)



Powered by...
Lube Control Pty Ltd
Providing lubrication solutions!

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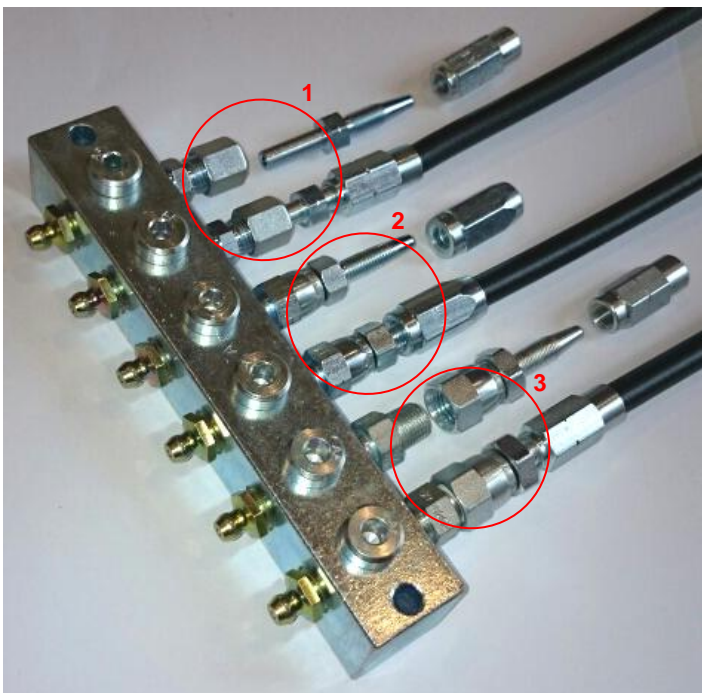
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Our 8.6mm High Pressure Grease Hose and Fittings is suitable for extreme environments. Typical applications include mobile mining, earthmoving farm, transport vehicles. It is also suitable for fixed plant applications and can be used with standard lubrication systems. The hose and fittings are water, UV and vibration resistant and can be used up to 12,184PSI (800 Bar). Grease hose runs of up to 18 meters are achievable.

The grease hose is connected by one of the three following fitting assemblies:

1. screw sleeve, hose stud and compression fitting
2. screw sleeve and reusable swivel fitting
3. screw sleeve, 7/16 JIC fitting and 7/16 Male x Male adaptor



Installation

The screw sleeve is screwed onto the end of a 8.6mm hose anti clockwise to the on the 8.6mm hose until it reaches the indicator line. It is recommended to lubricate the hose prior to screwing on the screw sleeve. The fine threaded end of the hose stud, reusable swivel fitting or 7/16JIC fittings is inserted into the screw sleeve expanding and sealing the hose. Thread sizes then need to be chosen to fit into the desired lubrication point either with compression fittings (if hose studs are used) or adaptors.

Material and Performance			
Inner tube:	Thermopl. Polyamid 6		
Casing:	Thermopl. Polyurethan, microbial stabilization		
	inner tube	casing	
Tear strength	> 30 N/mm ²	> 18 N/mm ²	DIN EN ISO 527
Elongation at break	> 50 %	> 380 %	DIN EN ISO 527
Hardness, shore	D 60+/- 3	A 88 +/- 3	DIN EN ISO 868
Operating Temperature Range			
Temperature using limit: -	30° to + 80 °	For mediums to be pumped with "grease with corrosion protection additives": max. 60°C	
Pressure Reinforcement / Pressure Strength / Bending Radius			
Bursting pressure pressurisation	>840 bar at 20°C	>450 bar at 60°C	(EN ISO 1402, : 60 s)
Bending Radius at 20°C	>20mm		
Sizes and Tolerances in mm			
Nominal size	4.0 x 8.6 d (internal x external)		
Inner diameter	3.90 – 4.10		
External diameter	8.50 – 8.75		
Wall thickness eccentricity (max)	0.40		
Colour			
Inner tube	Natural		
Casing	Black		
Reinforcement	White		
Adhesive	Green - transparent		
Printing	White		
Design / Packaging / Labeling			
50 meter coil (core diameter approx. 50 cm) with neutral label			