

Part number:

118-10018

HYDROMA

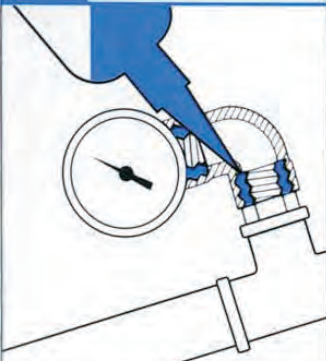
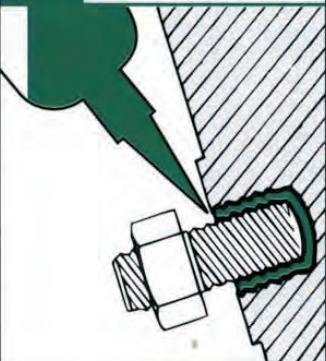
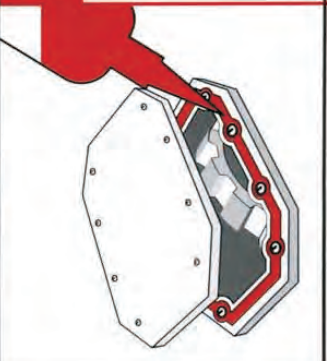
HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**


UKŁADY HYDRAULICZNE

HYDROMA

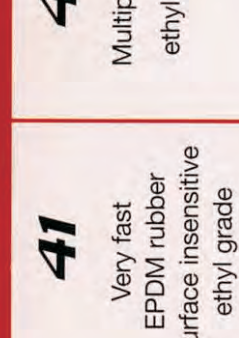
ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

Threadsealing		Threadlocking		Liquid Gasketing	
	18-10 Removable pipe sealant approved gas and potable water AGA - DVGW TZW - WRAS	53-14 Small fittings pneumatic and hydraulic approved gas DVGW	55-37 Flexible copper and brass fittings approved gas DVGW	58-11 Semipermanent pipe sealant approved gas, oxygen and potable water AGA - BAM DVGW - WRAS	83-50 Permanent high temperature approved gas and potable water DVGW - WRAS
Diameter - Maximum gap (mm)	2" - 0,30	3/4" - 0,15	1 1/2" - 0,25	3" - 0,50	3/4" - 0,20
Breakaway Torque M10 (N. m)	6 - 11	12 - 18	15 - 32	18 - 24	25 - 35
Temperature Range °C	-55° +150°	-55° +150°	-55° +150°	-55° +150°	-55° +200°
	24-18 Removable vibration and shock resistant	55-03 Nut locks oily surfaces tolerant approved as sealant for gas and potable water DVGW - WRAS	70-14 Penetrating for pre-assembled joints seals metal porosity	83-54 Permanent threadlocker multipurpose	86-72 Very high temperature permanent approved as sealant for gas DVGW
Diameter - Maximum gap (mm)	M24 - 0,20	M36 - 0,25	M5 - 0,07	M20 - 0,15	M56 - 0,30
Breakaway Torque M10 (N. m)	5 - 8	18 - 23	10 - 25	25 - 35	25 - 35
Temperature Range °C	-55° +150°	-55° +150°	-55° +150°	-55° +150°	-55° +230°
	28-10 Elastic flexible flanges controlled gaps	58-14 Gear boxes general purpose	58-31 Flexible high adhesion high dynamic loads	59-10 High temperature rigid flanges large gaps	59-30 Elastic high temperature RTV Silicone
Diameter - Maximum gap (mm)	0,30	0,50	0,50	0,50	-
Adhesive Strength (N/mm ²)	2 - 4	5 - 8	7 - 10	6 - 8	1,8 - 3
Temperature Range °C	-55° +150°	-55° +150°	-55° +200°	-55° +200°	-60° +300°

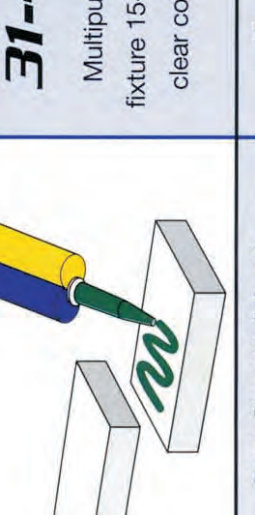
Retaining

	53-11	82-33	83-21	85-21	89-51
	Removable bearing retainer	Permanent precise connections oily surface tolerant	Fast setting high strength approved for gaseous oxygen BAM	High strength large gaps	Liquid metal repairs worn shaft and damaged threads
	0,12 8 - 12 -55° +150°	0,10 17 - 22 -55° +150°	0,15 25 - 35 -55° +175°	0,20 30 - 40 -55° +150°	0,30 25 - 30 -55° +150°
Diameter - Maximum gap (mm)					
Shear Strength (N/mm²)					
Temperature Range °C					

Instant Adhesives

	14	41	43	47	63
	Metal-rubber metal-plastic ceramics methyl grade	Very fast EPDM rubber surface insensitive ethyl grade	Multipurpose ethyl grade	Gel, no-drip no-run on vertical surfaces ethyl grade	Low-odor no-blooming alcoxy grade
	4 - 8 -50° +80°	1 - 2 -50° +80°	3 - 4 -50° +80°	10 - 20 -50° +80°	8 - 15 -50° +80°
Fixing Time (seconds)					
Temperature Range °C					

2-Component Adhesives

	31-40	31-42	34-15	35-44	36-10
	Multipurpose fixture 15-20 min. clear colorless	Multipurpose fixture 5 minutes clear colorless	Elastic shock and peel resistant fixture 20-30 min.	Flexible tough clear fixture 15-20 min.	High strength multipurpose fixture 1-2 hrs
	10 - 12 -30° +80°	12 - 14 -30° +80°	5 - 10 -30° +80°	5 - 9 -30° +80°	12 - 18 -30° +80°
Shear Strength (N/mm²)					
Temperature Range °C					

Surface Conditioners



7
PRIMER
For CA bonding of Polyolefine Silicone and PTFE

9
ACTIVATOR
Instant setting of CA Adhesives in difficult conditions

10
CLEANER
General purpose Cleaner for metal and plastic

11
ACTIVATOR
Sets in seconds Anaerobics Adhesives

CR1
REMOVER
Solvent for cured CA Adhesives

UV



U.V. Curing Adhesives

30-11
For plastics, approved ISO 10993 for medical applications

30-20
Clear colorless glass and crystal bonding multipurpose

30-21
High strength crystal furniture glass and metal not optically clear

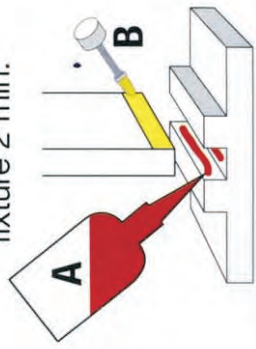
30-23
Capillary grade crystal furniture large surfaces optically clear

30-60
Gel no-drip no-sag glass and crystal bonding

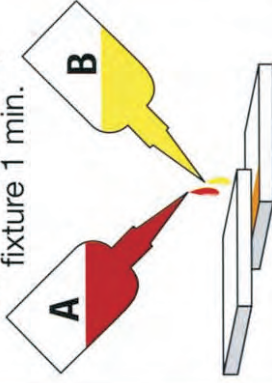
2 - Pack Acrylic

2-component adhesives

33-00
+ Activator 20 fixture 2 min.



33-47
A+B drop on drop fixture 1 min.



Silicone Lubricants

Grasso 4
PTFE modified

Grasso 9
Multipurpose



Dosin

for Adh



ANAEROBIC ADHESIVES

Anaerobic adhesives are liquid resins that polymerise when placed between two closely fitting metallic surfaces. The adhesive fills all microscopic crevices in the metallic surface, allowing 100% contact between metal parts - providing better stress distribution. The cured adhesive also provides an excellent seal against water, gas, oils, fluids and chemicals. The maximum gap for sealing threaded parts is 0.5mm, for cylindrical joints a maximum gap of 0.1mm is recommended and for locking threaded joints, 0.3mm. The fixture time is influenced by the gap, the composition of the metal surfaces and the temperature - from a few minutes to one hour. The functional strength is reached in 1-2 hours. The operating temperature range is between -55°C and +150°C for standard anaerobics, although special grades will perform well at temperatures up to 230°C. They are designed and developed for the following applications:

THREADSEALING: To seal and lock threaded pipe joints against pressurised air, gases, water, oil and other industrial fluids. Ideal for replacing hemp and PTFE tapes, anaerobic threadsealing adhesives have excellent vibration and heat resistance. They are available in a variety of strengths and are certified to a number of international standards including; DVGW, NSF, WRAS, KTW and BAM.

THREADLOCKING: To lock studs, nuts, screws and any threaded fasteners. The adhesive prevents loosening caused by vibration, mechanical and thermal shock. They also inhibit fretting corrosion and prevent the seizure and galling of threads.

LIQUID GASKETING: To seal flat mating surfaces and join flanges on pumps, gearboxes and differential housings. Replace pre-formed gaskets and allow contact between metal parts forming a seal which is not prone to creep or relaxation. Form a flexible and / or elastic gasket which is resistant to vibration, heat, oil and other industrial fluids. Parts can be disassembled using normal tools.

RETAINING: To lock and fit bushes, bearings, sleeves, pin hubs, pulleys, gears and other cylindrical components. They are ideal for increasing the strength of press fit parts or retaining loose fitting parts. They allow larger machining tolerances - thus reducing manufacturing costs - and prevent fretting corrosion, vibration loosening, distortion and will seal against fluids.



UV CURING ADHESIVES

Polymerise in seconds by irradiation with ultraviolet light, creating a transparent film that does not yellow over time. They are designed to bond glass, crystal, metals and some plastics commonly found in the production of small parts and furniture. The operating temperature range is between -50°C and +120°C. A new gel formulation is available for non-drip / vertical applications.



SILICONE LUBRICANTS

These are waterproof, suitable for food and potable water. They are resistant to temperatures up to +200°C and give low friction coefficients between metal, rubber and plastic parts. They will not cause rubber gaskets to swell.

INSTANT ADHESIVES

Cyanoacrylate adhesives are for instant and structural bonding of rubber, metals, ceramic, leather and a variety of plastics. Best results can be obtained with joint gaps of less than 0.1mm (or 0.2mm with special grades). The service temperature range is between -50°C and +80°C, although new high-temperature resistant formulations are available for use up to 120°C. For porous surfaces or for vertical application a gel grade is available.

2-COMPONENT EPOXY ADHESIVES

These provide high strength, structural joints. They are suitable for bonding metals, ceramics, wood and some plastics. They are supplied in a practical dual cartridge dispenser. Curing occurs upon mixing of the two components (resin and hardener). Fixture time is from 5-10 minutes to several hours. Applying heat will accelerate the cure speed. Temperature resistance is between -30°C and +80°C.

2-PACK ACRYLIC

2-component adhesives that give flexible and high-strength joints. They polymerise upon contact with an activator (mixing of components is not required). The maximum gap-fill capability of these products is up to 1mm. They are ideal for bonding metallic and ceramic parts, glass, wood and some plastics. The operating temperature range is between -50°C and +120°C.

DOSING SYSTEMS

Electro-pneumatic metering and dispensing equipment for precise application of adhesives (drops, beads etc.). The unit consists of a control unit, adhesive reservoir, pneumatic dosing valve with PTFE and PE connections, dispensing pen, foot switch, . Available for anaerobic and cyanoacrylate adhesives.



Mod. DE 3M
Manual switch pneumatic dosing units for anaerobic and cyanoacrylate adhesives.



Mod. DE 4
Electro pneumatic dosing unit suitable for low and high viscosity adhesives and lubricants.