## Production Facilities, Branch Offices & Warehouses









### **Certifications and Approvals**















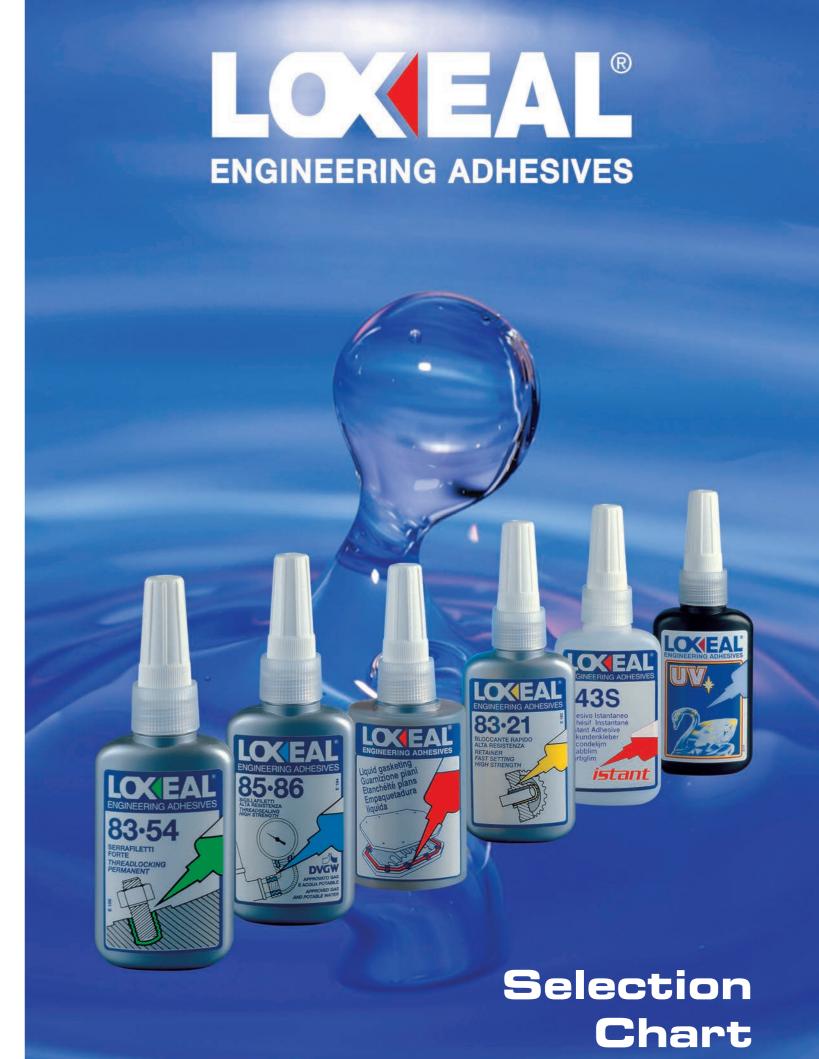






#### Loxeal Srl

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#### Instant Adhesives

Cyanoacrylate adhesives for structural and instant bonding of flexible or rigid surfaces made from a wide range of materials: rubber, metals, ceramic, leather and many plastics



Breakaway Torque M10 (N. m)

Temperature Range °C

OO-OL	00-1L	00-02	
Threadlocker, medium strength	Threadsealant, medium strength	Threadlocker, high strength	
M36 - 0,25	2" - 0,30	M20 - 0,15	
18 - 25	18 - 24	25 - 35	
-55 +150	-55 +150	-55 +150	

58.12

83.52

istant	
Fixture Time (seconds)	

14	435	
Metal-rubber, metal-plastic, ceramics Methyl grade	Multipurpose Ethyl grade	
4 - 8	2 - 4	

+ /	54	63
Gel	For bonding rubbers,	Low odor
n-sag	plastics and metals	Non-blooming
le for use	where prolonged heat	Alcoxy grade
cal surfaces	exposure is required	
d grade	Ethyl grade	

10

General purpose

cleaner for metals

and plastics

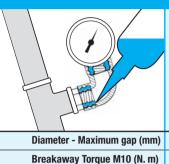
5 - 15 8 - 15 -50 +120 -50 +80

#### **Threadsealing**

Anaerobic adhesives to seal and lock threaded pipe joints. Ideal for replacing hemp and PTFE tapes. Highly heat and vibration resistant. Certified and approved by international certification authorities.

#### Surface Conditioners

Primer, cleaner and activators to speed up curing of anaerobic and cyanoacrylate adhesives.



Temperature Range °C

Removable pipesealant Approved for gas and potable water AGA - DVGW	Suitable for small pneumatic and hydraulic fittings Approved for gas DVGW	Flexible copper and brass fittings Approved for gas DVGW	Semipermanent pipesealant Approved for gas, oxygen and potable water AGA - BAM DVGW - WRAS - NSF GLOBAL MARK	Permanent High temperature resistant Approved for gas and potable water DVGW - WRAS
2" - 0,30	3/4" - 0,15	1 1/2" - 0,25	2" - 0,30	3/4" - 0,20
6 - 11	12 - 18	15 - 32	18 - 24	25 - 35
-55 +150	-55 +150	-55 +150	-55 +150	-55 +200

11

Temperature Range °C

Primer			
For cyanoacrylate			
bonding			
of Polyolefins,			
Silicone and PTFE			

-50 +80

7

#### 9 Activator Instant setting of cyanoacrylate adhesives

in difficult conditions

-50 + 120

#### Solvent for cured cvanoacrvlate adhesives

Suitab

10 - 20

-50 + 120

CR1

Remover

-40 + 80

on vertic Ethy

#### 11 Cleaner Activator

Sets in seconds anaerobic adhesives

#### Threadlocking

Anaerobic adhesives to lock studs, nuts, screws and any threaded fasteners. Prevent loosening caused by vibration, mechanical and thermal shocks and prevent thread seizure and galling.

LJant	<b>L</b> OV	
Part		11-1-

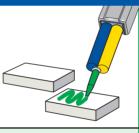
Ideal for high-strength structural bonding, suitable for bonding metals, ceramics, wood and some plastics

-40 +80



Tempera

	24-18	55-03	70-14	83-54	86-72
	Removable Vibration and shock resistant	Nut locking Oily surfaces tolerant Approved as sealant for gas and potable water DVGW - TZW	Medium to high strength locking Locks and seals threaded fasteners and close fittings	Permanent Multipurpose Temperature resistant up to 200°C	Very high temperature resistant Approved as sealant for gas DVGW
er - Maximum gap (mm)	M24 - 0,20	M36 - 0,25	M5 - 0,07	M20 - 0,15	M56 - 0,30
way Torque M10 (N. m)	5 - 8	18 - 23	10 - 25	25 - 35	25 - 35
ature Range °C	-55 +150	-55 +200	-55 +150	-55 +200	-55 +230



Shear Strength (N/mm²)

Temperature Range °C

31-40
Multipurpose Pot life 15-20 min Colorless
10 - 12

-40 +80

31-42
Multipurpose Pot life 5 minutes Colorless
12 - 14

35-44	36-10	
Flexible tough Clear Pot life time 10-20 min.	High strength Multipurpose Pot life 90-150 min.	
5 - 9	12 - 18	
		П

## High temperature resistant 20 - 30 -40 +120 (+140)

4401

Toughened Semi-flexible

## Liquid Gasketing

Anaerobic adhesives to seal flat mating surfaces and join flanges on pumps, gearboxes and housings. Prevent the sealing from creeping or relaxation. Form a flexible gasket resistant to vibration, heat, oil and other industrial liquids

#### **UV** Curing Adhesives

Designed to bond glass, crystal, metals and some plastics, they cure during exposure to ultra violet light in a matter of seconds.



	28-10	58-14	58-31	59-10	59-30
	Elastic Flexible flanges Controlled gaps	Gear boxes General purpose	Flexible High adhesion High dynamic loads	High temperature Rigid flanges Large gaps	Elastic High temperature RTV Silicone
Diameter - Maximum gap (mm)	0,30	0,50	0,50	0,50	1 - 5
Adhesive Strength (N/mm2)	2 - 4	5 - 8	7 - 10	6 - 8	1 - 2
Temperature Range °C	-55 +150	-55 +150	-55 +180	-55 +200	-60 +250

30-11

For plastics Approved ISO 10993 for medical applications

# 30-20

-40 + 80

Multipurpose Glass and crystal bonding Colorless

#### 30.21 30-23

High strength High strength Very low viscosity For crystal furniture, Ideal for use in glass glass and metal furniture manufacturing

Optically clear

# 30-60

Gel Non-drip For glass and crystal bonding

#### Retaining

Anaerobic adhesives to lock and fit bushes, bearings, sleeves, pin hubs, pulleys, gears and other cylindrical components. Allow large machine tolerance, reducing manufacturing costs.

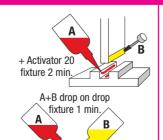
#### Acrylic Adhesives

Two-part adhesives, providing high strength and flexible bonding and curing at room temperature.



**Temperature** 

	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 <b>BAM</b>	High strength Large gaps Approved for gas GAZ DE FRANCE	High viscosity Repairs worn shaft and damaged threads
Maximum gap (mm)	0,12	0,10	0,15	0,20	0,30
ngth (N/mm2)	8 - 12	17 - 22	25 - 35	25 - 35	25 - 30
e Range °C	-55 +150	-55 +150	-55 +175	-55 +150	-55 +150



# 30-55

Adhesion to a wide variety of substrates Fast cure at room temperature To be used with Loxeal Activator

### 33-47

Two-component adhesive No mix application Versatile performance capabilities

#### 3459

Gel formulation to be used with Loxeal Activator Very rapid fixture time

# 3460 Two-part adhesive

