

# Loxéal



## PRODUCT DESCRIPTION:

LOXEAL is a complete, well-planned range of professional anaerobe glue particularly suitable for

**pipe sealing, locking bolts and screws and securing bearings.** Part of the glue program is also a universal cyanoacrylate glue which hardens in seconds.

## APPLICATION:

LOXEAL anaerobe glues are used for both **pipe sealing, locking bolts and screws and securing bearings** on installations carrying heating, air and potable water, but the glues may also be used for gas, oil, gasoline and other chemicals. Some of the glues are also approved for oxygen (please see the "DIRECTIONS FOR USE"). The glues can be used directly on all installations made of iron, brass and copper. If the installation is made of stainless steel or chrome and the activator A-11 has to be used prior to applying the glue.

## TECHNICAL PROPERTIES:

LOXEAL's anaerobic glue polymerizes (hardens) between metallic surfaces at the same time as it excludes oxygen. By completely filling in the microscopic irregularities in metal surfaces the product ensures that mechanical influence is distributed uniformly throughout joints and therefore provides an optimum sealing effect not only against water and air, but also against gas, oxygen, oils, petrol and chemicals. LOXEAL's glue also combats corrosion. LOXEAL is also a cyanoacrylate glue that hardens in seconds for rapidly gluing metal, plastic, rubber, etc., together.

## DIRECTIONS FOR USE:

### THREAD SEALING:

LOXEAL pipe thread sealer fixes and seals threaded joints and prevents penetration by water, heat, gas, air, oil, hydrocarbons and many chemicals. LOXEAL thread sealer is resistant to heat and vibration and is available with different degrees of fixing.

- 18-10 :** PTFE modified all-round thread sealer that allows easy disassembly at a later time. Seals immediately against moderate pressure. Temperature range: -55° Celsius - +150° Celsius.
- 53-14 :** Low viscosity thread sealer for hydraulic and pneumatic applications. Maximum pipe diameter ¾". Temperature range: -55° Celsius - +150° Celsius.
- 58-11 :** High viscosity thread sealer approved for use with GAS (DG-3625). Also ideal for use in connection with oxygen, LPG and water. Maximum diameter 3" and 0.5 mm tolerance. Yellow color code for gas. Temperature range: -55° Celsius - +150° Celsius.
- 86-72 :** Permanent strength thread glue for use in connection with high temperatures (maximum 230° Celsius). Also ideal for thread sealing. For use in connection with water, oil, hydrocarbons, compressed air, chemicals, steam. Maximum diameter 2" and 0.3 mm tolerance.

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## THREAD LOCKING:

LOXEAL thread sealer is ideal for locking nuts, threaded pins, screws and other threaded connections. Ensures that threaded joints cannot loosen due to vibration or mechanical influence.

- 55-03 :** Anaerobic thread sealer. Medium strength. Can be used on oily surfaces. Resistant to water, oil, hydrocarbons, compressed air and chemicals. Maximum M36 / 0.25 mm tolerance. Temperature range: -55° Celsius - +150° Celsius.
- 83-54 :** Anaerobic thread sealer. Permanent strength. For locking stud bolts, etc. Maximum M20 / 0.15 mm tolerance. Temperature range: -55° Celsius - +150° Celsius.
- 86-72 :** Permanent strength thread sealer. Heat resistant up to 230° Celsius. Also ideal for thread sealing. For use in connection with water, oil, hydrocarbons, compressed air, chemicals and steam. Maximum M56 / 0.3 mm tolerance. Temperature range: -50° Celsius - +230° Celsius.

## SEALING BEARINGS

LOXEAL bearing sealer is suitable for installing bearings, bushes, gear wheels and cylindrical items. LOXEAL bearing sealer strengthens pressure based items and allows sliding fitting. Secures components with higher tolerances, prevents twisting, corrosion and liquid leakage.

- 53-11 :** Low viscosity, all-round glue for sealing bearings, bushes and other cylindrical and press fit items. Medium strength. Resistant to water, oil, hydrocarbons, compressed air and chemicals. Maximum M20 / 0.12 mm tolerance. Temperature range: -55° Celsius - +150° Celsius.
- 82-33 :** Low viscosity, anaerobic glue for sealing bearings, bushes and other cylindrical and press fit items. Permanent strength. Resistant to water, oil, hydrocarbons, compressed air and chemicals. Maximum M12 / 0.1 mm tolerance. Temperature range: -55° Celsius - +150° Celsius.

## AKTIVATOR:

**Activator 11** LOXEAL A-11 lightning activator speeds up the polymerization of anaerobic glue. Ideal for use at low temperatures and with passive metals such as stainless steel and chromium plated items.

## CYANOACRYLATE GLUE - "INSTANT-ADHESIVE"

- IS-23 :** Universal cyanoacrylate glue (hardens in seconds). Glues the majority of materials in a few seconds. Medium fixing time. Temperature range: -50° Celsius - +80° Celsius.

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein.

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<b>PACKING:</b>						
<b>Product</b>	<b>Size</b>	<b>Item no.</b>	<b>VVS-no.</b>	<b>RSK-no.</b>	<b>NRF-no.</b>	<b>LVI-no.</b>
18-10	50 ml tube	4018103	271344050	4051331	9507762	3188016
	75 ml "bellows" tube	4018105	271344075	4051349	9507758	3188013
	100 ml tube	4018107	271344100	4051321	9507761	3188014
	250 ml tube	4018107	271344250	4051323	9504501	3188015
53-11	10 ml tube	4053141	271348010	4051324	9504513	3188031
	50 ml tube	4053143	271348050	4051325	9504514	3188032
	250 ml tube	4053147	271348250	4051326	9504515	3188034
53-14	10 ml tube	4053141	271345010	4051327	9504502	3188026
	50 ml tube	4053143	271345050	4051328	9504503	3188027
	250 ml tube	4053147	271345250	4051329	9504504	3188029
55-03	10 ml tube	4055031	271343010	4051337	9507768	3188006
	50 ml tube	4055033	271343050	4051339	9504508	3188005
	250 ml tube	4055037	271343250	4051340	9504509	3188004
58-11	50 ml tube	4058113	271347050	4051332	9507763	3188017
	75 ml "bellows" tube	4058114	271347075	4051333	9507764	3188018
	100 ml tube	4058115	271347100	4051363	9507759	
	250 ml tube	4058117	271347250	4051341	9504505	3188019
82-33	10 ml tube	4082331	271348310	4051342	9504516	3188036
	50 ml tube	4082333	271348350	4051343	9504517	3188037
	250 ml tube	4082337	271348450	4051344	9504518	3188039
83-54	10 ml tube	4083541	271343310	4051338	9504511	3188008
	50 ml tube	4083543	271343350	4051345	9507769	3188007
	250 ml tube	4083547	271343450	4051346	9504512	3188009
86-72	10 ml tube	4086721	271344310	4051347	9504506	3188010
	50 ml tube	4086723	271344350	4051334	9507765	3188012
	250 ml tube	4086727	271344450	4051348	9504507	3188011
Activator 11	150 ml spray	4000116	271349150	4051335	9507766	3188022
Cyanoacrylat glue	20 g tube	4000232	271349020	4051336	9507767	3188001

Please also see **SAFETY DATA SHEET**.

As we constantly develop our products we reserve the right to make changes without prior notice.