

LOXEAL 28-12

Description

Loxéal 28-12 is an anaerobic adhesive designed to work as a form-in-place gasket on rigid flanged connections of pumps, gearboxes, engine casings and threaded joints. Loxéal 28-12 is designed to meet the highest standard of health and safety as it does not carry on any hazard symbol on the label.

The product cures when confined in the absence of air between metal surfaces and it is easily removable with standard tools. It provides a flexible film, resistant to vibrations, to warm environments over +150°C, oils, fuels, and industrial fluids.

Typical Physical Properties

Composition:	Methacrylate Ester
Aspect:	Yellow Thixotropic paste
Viscosity, Brookfield, +25°C (Pa s):	
@2.5 rpm	80
@20 rpm	15
Max gap fill:	0.3mm / 2"
Shelf life at 25°C:	12 months in original unopened packaging

Typical Curing Properties

Cure rate depends on the assembly gap, substrates and temperature. Full cure is reached in 24-36hours. In case of passive surfaces and/or low temperatures the cure speed can be accelerated by using Loxéal activator 11.

Typical Properties of the cured adhesive

Bolt M10 x 20 Galvanized Steel @ +25°C	
Handling cure time :	20 minutes
Full cure time :	24 hours
Breakaway locking torque (ISO 10964) :	3 N m
Lap Shear Strength	2 MPa

Directions for use

The product is recommended for use on metal substrates. Clean and degrease parts before bonding with Loxéal Cleaner 10.

Apply product to fill completely the gap, assemble parts and hold on for curing time. Liquid product can damage coating, some plastics and elastomers and give rise to stress-cracking events on some thermoplastics.

The product is not tested for use in oxygen rich systems and strong oxidizing materials.

Storage

Store the material in a cool and dry place at temperature between +5°C/+25°C. To avoid contaminations do not refill containers with used product.

Safety, handling and disposal

Consult Material Safety Data Sheet before use.

Note

The data contained herein, obtained in Loxéal laboratories, are given for information only. It is final user's responsibility to determine suitability of the product to fit the purpose the application requirement. Loxéal disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Loxéal products. Loxéal specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.

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