

Pipe and flange sealing AL-572



white
high viscosity
medium strength

Pipe and flange sealing

Technical Data

Colour	white
Fluorescent	No
For threaded joints up to	M 80 R 3"
Viscosity at +25°C (+77°F) according to Brookfield	17.000 - 50.000 ht mPa·s
Max. gap bridging	0,4 mm
Breakaway strength (Thread)	7 - 10 Nm
Prevailing strength	2 - 4 Nm
Shear strength Nmm ² (DIN 54452)	4 - 6 N/mm ²
Handling strength at room temperature	20 - 40 min.
Final strength (100%) after	5 - 10 h
Temperature resistance	-60 to +150 °C

*Strength values based on M 10 screws, 8.8 grade, thickness of nut 0,8.d Static shear strength based on cylindrical parts of abt. Ø 13 mm, tolerance (D-d) = 0,05 mm, l/d = 0,88

Surface pre-treatment

In general, Pipe and flange sealing AL-572 does not require special pretreatment as slightly oily surfaces (e.g. on as received parts) will be tolerated. However, best results will be achieved on cleaned, degreased parts. If required, the parts should be slightly roughened.

Processing

Pipe and flange sealing AL-572 is ready for use and should be applied evenly direct from the bottle/tube with the dispensing tip (avoid direct contact of dispensing tip with metal). Apply Pipe and flange sealing AL-572 in circular motions on the thread. Screw pipe threads together and tighten until desired orientation. When using

as flange sealing apply a continuous bead on one side. Join and tighten parts quickly. Do not pour back into the bottle any Pipe and flange sealing AL-572 fluid which had contact with metal; even smallest metal particles will cause the content of the bottle to cure. In series construction, the use of manual or automatic applicators is recommended.

Storage

Pipe and flange sealing AL-572 can be stored in the unopened original container for at least 24 months at room temperature. Keep away from heat sources and direct sunlight. The air in the bottle/tube keeps Pipe and flange sealing AL-572 liquid.

Safety and health

When using products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets must be observed.

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