

Assembly Paste



reliable protection against corrosion seizing and cold welding

Assembly Paste is used as a protecting, separating and lubricating agent for highly stressed parts. Ideally compatible solid contents and selected additives enable a wide range of usage.

Assembly Paste protects against corrosion, seizure and wear, stick-slip phenomena, oxidation, fretting corrosion and electrolytic reactions („cold welding“).

Technical Data

Basic Oil	Synthetic oil mixture
Colour	anthracite
Density at +20°C (+68°F) (DIN 51757)	1,16 g/cm ³
OFW device coefficient of friction	0,13
Friction total	0,14 μ
Friction thread	0,13 μ
Friction head bottom	0,15 μ
VKA-TEST (DIN 51350) goods load	4.200 N
VKA-TEST (DIN 51350) welding load	4.400 N
VKA-TEST (DIN 51350) Spherical cap value (1Min/1000N)	0,5 mm
Worked penetration (DIN ISO 2137)	310 - 340 1/10 mm
Sulfur content (DIN 514)	<0,1 %
Water resistance (DIN 51807)	0 - 90
Pressure (DIN 53281-83)	230 N/mm ²
Salt spray test	>170 h
Thermal conductivity	0,3 W/m.K
Dielectric strength	0,47 kV/mm
Specific resistance	1,2 x 10 ¹⁵ Ohm/cm
Temperature resistance	-180 to 1.200 °C

Surface pre-treatment

Clean and degrease surfaces. Apply the assembly paste evenly. AS is suitable only for assembly paste specific applications, it does not replace pure lubricants and greases.

Processing

Apply a good quantity of Assembly Paste with a brush, cloth or plastic sponge.

On threads it is important that Assembly Paste is applied down to the thread root to ensure a good sealing effect. Assembly Paste must not be mixed

Storage

Keep container tightly closed. Do not store together with oxidizing agents. Store in a dry place at storage temperature. Original container are storable for 24 months.

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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