

Alugrease® BA FG

FOOD-GRADE, WATER RESISTANT, TACKY GREASE

PRODUCT Food-grade, white grease, prepared with FDA approved ingredients, for use where incidental food contact may occur, registered in Category H1 by NSF INTERNATIONAL (USA) (see website <http://www.nsf.org/USDA/Listings.asp?Company=N10201> - Reg. Nr. 145991), suitable for applications where incidental contact with food may occur.

Aluchem products and plants have been also **Kosher** certified.

PROPERTIES **Alugrease® BA FG** exhibits high anti-oxidant and anti-wear properties, is very tacky and water resistant; can be used in a wide temperature range.

Alugrease® BA FG contains special solid lubricants, for optimum performance under high load and in demanding operating conditions.

APPLICATION Bearings and other components in pellet mills and presses, dicing machines and similar equipment, both with continuous and intermittent automatic grease feed. $D_m \times n \leq 150.000 \text{ mm} \times \text{min}^{-1}$.

Lubrication of bearings and other components exposed to high load and water wash-out.

Low speed gears, bevel gears.

Slideways, pins, articulations, universal joints, screw actuators, etc.

Machinery components exposed to shocks and vibration.

Technical Data	Method	Unit	Typical values			
Colour	-	-	White			
Appearance	-	-	Smooth-textured adhesive streamlined			
NLGI Consistency	-	-	00	0	1	2
Thickener	-	-	Aluminium complex soap			
Worked penetration at 25°C, 60 strokes	ASTM D 217	1/10 mm	400 ÷ 430	355 ÷ 385	310 ÷ 340	265 ÷ 295
Dropping point	ASTM D 566	°C	> 180		> 250	
Base oil pour point	ASTM D 97	°C	-36			
Base oil viscosity at 40°C	ASTM D 4457	cSt	400			
Water Washout	ASTM D 1264	% wt	< 4	< 3	< 3	< 2
Oil separation, 50 hrs at 100°C	ASTM D 972	% wt	< 5			
4 Ball test, 1200 rpm, 75°C, 40 kg, 1 hour, wear scar diameter	ASTM D 2266	mm	< 0,80			
Operating temperature range	-	°C	-25 ÷ 140	-25 ÷ 140	-20 ÷ 160	-15 ÷ 160

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The data in this product information is based on our general experience and knowledge. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary tests with the selected.