

TECHNICAL DATA SHEET

AC 602/2

Antifriction Coating / Dry Film Lubricant

Description

AC 602/2 is a water-based, low-viscosity specialty dispersion for application to rubber parts. It air-dries and then cures (cross-links) over time to form a slightly glossy, non-migrating, water-resistant, elastic and strongly-adhering dry film lubricant. Also available formulated with a UV tracer.

Applications

Designed to treat rubber seals or lips (e.g. EPDM or TPE blends) that squeak when they deform or squash against lacquered (coated) metal, plastic, or glass. Please refer to the LIP Product Selection Guide.

Properties

Property	Typical Value	Conditions
Product Form	Liquid dispersion	
Solids	14.5%	
Apparent Viscosity	5cP	25°C and 30 sec ⁻¹
Appearance before application	Milky white	
Density (20°C)	0.991g/ml	ASTM D-1217
Time to Air Dry, thin film	5-20mins*	25°C
Time to Full Cure, thin film	24-48hrs*	25°C
Cured Film Service Temp Range	-40 to 125°C	
Shelf Life from Date of Manufacture	1 year	Unopened, stored between 8 and 30°C

* Drying times can vary depending on ambient temperature and humidity

How To Use

AC 602/2 should be shaken or stirred before use, then thinly applied by brushing, spraying, wiping or rolling-on to create a thin film that air-dries within 5-20 minutes. Performance is improved if the coating is allowed to penetrate the rubber over a longer period of time (15 minutes to 24 hours), or by application to still-warm, extruded parts. Important that any performance testing is not conducted until 48 hours after application if possible.

Note: This is a water-based product so avoid freezing temperatures (before product is applied) and do not apply to bare/unlacquered metal. Not designed for coating hard, non-porous surfaces.

Packaging Options

- 40ml felt pen
- 1kg plastic container
- 5kg plastic container