

Technical Data Sheet

Interflon BufferGuard® (aerosol)

Environmentally friendly grease for buffer plates and couplings of rolling stock

High performance biodegradable grease with MicPol® Technology. Suitable for lubrication of buffer plates, couplings and many more applications found on rolling stock. Offers long-term protection against wear, has excellent anti-corrosion properties and extends service-life of components. Highly resistant to water wash off and withstands the impact of shock loads. The unique combination of MicPol® Technology, solid lubricants and high base oil viscosity guarantees unprecedented performance and at the time a high rate of biodegradability.

Applications

Suitable for applications with high loads such as couplers, uncouplers, knuckles, locks, buffer plates, yokes and applications on rolling stock where the (rotational) speed is extremely low.

Advantages

- ⊕ Suitable for applications with high impact and low speed
- ⊕ Excellent adhesive properties and corrosion protection
- ⊕ Resistant to water, cleaning agents and pollution
- ⊕ MicPol® technology extends service-life of components
- ⊕ Reduced product use when applied by aerosol
- ⊕ Can be applied without separating mating surfaces from buffer plates
- ⊕ >70% Biodegradable
- ⊕ Low Bioaccumulation
- ⊕ Renewable ingredients
- ⊕ Aerosol can also be used in an upside down (vertical) position
- ⊕ PFAS free

Instructions for use

Use aerosol from a vertical (upright or upside down) position only. For best results, parts should be cleaned. May be applied manually or by aerosol. Allow enough time for evaporation of solvents when applied by aerosol. Ambient temperature will influence solidifying of the product. Interflon BufferGuard® is not suitable for automatic lubrication systems.

Property	Result	Method
Composition	Mixture of vegetable oils, thickener, additives and Micpol®	
Colour	Grey	
Density 20°C	1.08 g/cm ³	
Lowest application temperature	-30°C	
Highest application temperature**	120°C	
Biodegradability	> 70%	OECD 301B
Manufacturing date	The batch number consists of a 8-digit number. The first 4 numbers represent the YY/MM of the manufacturing.	
Shelf life*	4 years	
Base oil viscosity 40°C	800 cSt	ASTM D445
Dn factor	100000	
Grease code	KPF3N-30	DIN 51825
NLGI grade	3	ASTM D217
Thickener	Silica and Bentonite	

* Shelf life of the product in original and unopened packaging. Storage temperatures <0°C need to be avoided to guarantee product quality. **High temperature limit is valid after evaporation of solvent.

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