

LUBRITAPE-E

PFAS-free coating film

LUBRITAPE-E is a permanent PFAS-free surface treatment applied as a thin, uniform film on rubber seal. It creates a non-stick, self-lubricating layer that enhances resistance to abrasion and reduces friction forces. Designed as a direct replacement for PTFE solutions, LUBRITAPE-E delivers the same high-performance properties.

While ideal for low friction sealing pads for thermal management modules and multiway valves for mobility and off-road markets, its benefits also open the door to a wide range of industrial sealing applications where reliability and wear resistance are critical.



BENEFITS

- ▶ PFAS-Free
- ▶ High sliding properties
- ▶ Low-friction coefficient
- ▶ Water-repellent surface
- ▶ High impact strength resistance



PROPERTIES

Color	Transparent Clear
Surface aspect	Forms a smooth and non-shiny film on the surface
Thickness	0.25 mm (other thicknesses available on request)
Coefficient of friction	Dynamic CoF Dry: 0.1 Wet: 0.05
Temperature Resistance	-50°C to 115°C
Material Compatibility	EPDM (other families on demand)
Fluid Compatibility	Water, Glycol (other fluids on demand)

- The results above are the typical values taken from numerous tests carried out on parts in accordance with ISO standards.
- The data listed here falls within the normal range of properties, but it should not be used to establish specification or performance limits.
- This typical data is not sufficient to determine the suitability of a material for a particular purpose, and cannot be used as a basis of design.
- This material is not necessarily suitable for manufacturing all types of products.

