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Datasheet TEFD01



TEFD01 soft strip's primary material is PTFE, with a mixture of copper, it is pressed and sintered into shape. It has a low friction coefficient and good anti-wear performance. Its tensile strength can meet the requirement of a mono piston ring. Because of its superior performance of low friction, TEFD01 can be used with oil or without oil lubrication. TEFD01 is the preferred car muffler and piston ring choice for many car brands, including Audi, Volkswagen, Citroën, etc.

Application

Material

PTFE with a mixture of copper.

Availablity

	Value	Unit
Inside diameter	on request	
Outside diameter	on request	
Flange diameter	on request	
Flange height	on request	
Total length	on request	

The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.
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TEFD01 - Specifications

Physical properties

	Test standard	Value	Unit

Mechanical properties

	Test standard	Value	Unit
Compressive strength static		on request	
Module of elasticity - Youngs modulus		on request	
Tensile strength		22	MPa
Shear strength		on request	
Impact strength		on request	
Hardness		on request	
Dynamic load capacity		on request	

Thermal properties

	Test standard	Value	Unit
Min. working temperature		-100	°C
Max. working temperature		250	°C
Intermittent working temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic		0.09-0.2	[-]
Max. sliding speed		1,5	m/s
Max. Pv-load dry		on request	
Max. Pv-load oil lubricated		on request	
Max. Pv-load on regular greased		on request	

Electrical properties

	Test standard	Value	Unit

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