AVKO®

TECHNICAL DATA SHEET

ELLASTIC GLASS CORD FINICORD

CHARACTERISTICS

Avangard sealing product, knitted from soft texturized E-glass yarn. The yarn is volumized product with equally desoriented endless fibers.

Application

Base material for manufacturing of ellastic knitted cord – E glass fiber has excellent thermal resistance, tensile strngth, softness and ellasticity. The cord is soft and flexible and has good ellasticity.
It can be used without limitation in oils, greases, solvents and organic acids. Main application is for sealing of doors of ovens, boilers, heaters, etc at high temperatures.

Advantages

Very good ellasticity and recovery of the form of the cord ensure reliable work in sealed equipment. Fast and easy installing, because of flexibility of the product. It can be easy install even in places hard to reach.

Technical parameters

Working temperature:	*up to 500°C*
pH:	*5 – 11*
Colour:	*natural, black*
Standard dimensions:	*Φ4 - Φ12*
Chemical composition:	** SiO2: 52 – 56 %*
	** Al2O3: 12 – 16 %*
	** Fe2O3: <1 %*
	** B2O3: 6-8 %*
	** CaO: 15-18 %*
	** MgO: 4-6 %*
Class of glass:	*E*
Diameter of filament:	*9 μm*
Weight loss:	*<1,5 %*
Density of glass:	*2,5-2,6 g/cm^3*

Quality Control

The whole production process is supervised in accordance with the Quality System ISO 9001, ISO 14001, OHSAS 18001.

Human hazardous

Not registered.

The information listed in this technical data sheet is based on our company's trials and experience. AVKO JSC is not to be held responsible for poor installation or application in media combining complexity of factors whose total exceeds the general qualities of the product. Our technical and sales representatives will assist any client in need of a product with a peculiar application.

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