TECHNICAL DATA SHEET

AVKOPACK® 1600 / 1600AR

CHARACTERISTICS

Cord made by twisting of yarn that consists of ceramic fibres and basic fibres made of glass or steel. The cord is produced with filling of ceramic yarn or silicate material.

Application

The ceramic cord is mainly used for heat insulation of pipelines, industrial equipment, machines, devices, etc. working at high temperature. AVKOPACK® 1600/1600AR is suitable for static sealing of lids, hatches, doors,etc. and also sealing of furnaces, boilers, ventilators, etc. The product is applied in the energetic, metallurgy, oil-processing industry, chemical industry, etc.

Advantages

The coefficient of heat conductivity of the basic fibres is low - 0.084W/mK at average temperature of 300°C. This, along with their textile and fibrous structure is the reason for the excellent heat insulating qualities of AVKOPACK® 1600/1600AR. Because of its twisted structure the cord may seal volumes that are a bit larger or a bit smaller than its basic size – depending on whether it is tightly or loosely twisted.

Technical parameters

Working temperature:	*for cord reinforced with glass fibre up to 980°C*
	for cord reinforced with steel fibre up to 1200°C
Density:	*0,5 g/cm³*

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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