AVKO®

TECHNICAL DATA SHEET

THERMOMILL®

CHARACTERISTICS

THERMOMILL® is used for static sealing of covers, doors of ovens, furnaces, milles, etc It is result of long year experience in sealing of doors of mills in Thermo power stations for cutting and trasnporting of coals. Construction and materials used for THERMOMILL® are selected to ensure reliable and long term work of THERMOMILL® during opening and closing.
THERMOMILL® is installed in the channel in the body or in the door (depending from the construction of the equipment) in such way that certain surface to be placed against stupor knife.
Glass yarn in the upper layers is reinforced with stainless steel wire and adding of steel mesh additionally ensure strength against cutting, protect inside core from damage and better abrasive resistance and in result we had better sealing. Inside layers are made from dense waved tapes with high thickness, which ensure hardness, dense and flexibility of the product.
Base material for manufacturing of the packing – glass yarn has excellent thermal resistance, stability of dimension, tensile strength. It can be used without limitation with innert gases, some solvents, etc.

Application

THERMOMILL® is seal with guarantee quality, manufactured from high technological raw materials. Thermomill is made from texturized glass yarn FINITEXT EG 109. Yarn is volumized product with equal disoriented and continious elementary fibers.
THERMOMILL® is made of 3 tapes (thickness depends from desired final dimension) with high density, produced on special weaving machines for multilayer weaving, packed in steel mesh. Over steel mesh is braided additional sealing layer from texturized glass yarn and thermal resistant steel wire. Outer tapes are working surface and must be placed against knife. We place red mark /line/ on the surface which is not worable.
The seal must be cut with abrasive discus with thickness 1 mm.

Advantages

THERMOMILL® has advantage:

- *With high strength, ellasticity, flexibility and thermal resistance*
- *Better sealing properties comparing to the traditional used – diagonally braiding packings*
- *Steel mesh and reinforcement with steel wire ensure better resistant to cutting and damage of the sealing surface.*
- *After first installing, because of the steel elements inside, the seal copy the sealed surface and ensure ellastic sealing bed.*

Technical parameters

Working temperature:	*+550°C; peak temperatures 650°C*
pH:	*6 – 11*
Standard dimensions:	*over 50 mm section*

***Quality Control**: The whole production process is supervised in accordance with the Quality System ISO 9001, ISO 14001, OHSAS 18001.*
***Human hazardous:** Not registered.*

12 St. Dimitar Basarbovski Str., 7000 Ruse, Bulgaria; Tel. +359/82/884 552, 884 567;
Fax: +359/82/884 550; E-mail: office@avko.bg; Web: www.avko.bg