



Turvac fg™
Fiber Glass Vacuum Insulation Panels by Turna



TURVAC fg™ is a Vacuum Insulation Panel based on fiberglass core material. The core is inserted in high barrier multilayer AL foil, which keeps the inside pressure under 1 Pa.

With its thermal conductivity of 3,5 mW/mK, TURVAC fg™ is mostly used in refrigerators, freezers and vending machines where low thermal conductivity is needed in order to provide high energy efficiency.

A combination of an advanced technology and carefully selected materials promises an incredible thermal conductivity under 3,5 mW/mK. The value is 10 times better in comparison to classical EPS material.

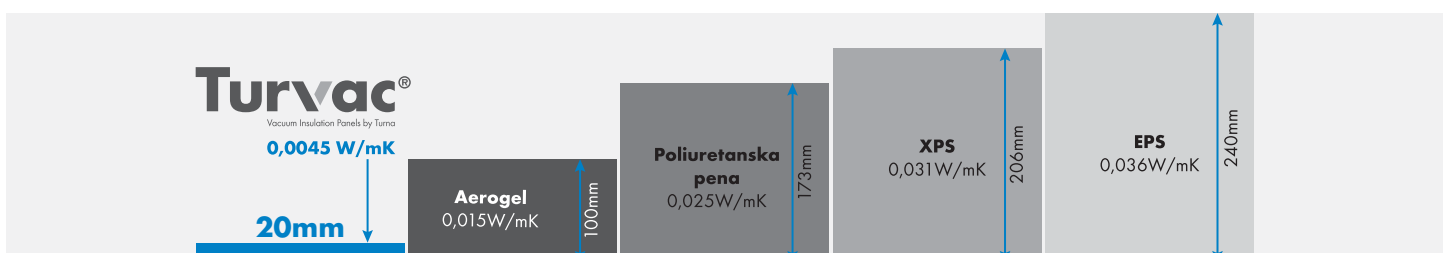
TURVAC fg™ vacuum insulation panels are widely used in:

- refrigerators,
- freezers,
- vending machines,
- other similar systems.

Technical Characteristics



Core:	Fiberglass
Foil (envelope):	5-layers AL foil
Surface colour:	Grey Silver
Temperature range:	- 70° C to 80° C
Geometry:	Rectangular Shape
Maximum size:	1.580 x 1.300 mm
Thickness:	5, 10, 15, 20, 25, 30, 35, 40 mm
Density:	270 ± 20 kg/m ³
Size tolerance:	≤ 500 -3, +2 > 500 -5, +4
Thickness tolerance:	± 3 mm
Thermal conductivity:	< 3,5 mW/mK (at 20 mm tickness)
Service life:	< 15 years



TURVAC® Variant Shapes



Restrictions on Applications



Vacuum inside. Handle with care.

The special foil of the TURVAC® vacuum insulation panels must not be damaged by drilling, cutting, milling, nailing or the like, since the interior pressure of the panel will rise and the special properties of the panel, in particular its excellent insulation characteristics, will be lost.

Product Info

TURVAC® Vacuum Insulation Panels are developed by TURNA d.o.o..
TURVAC® is a registered trademark of Turna d.o.o..

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