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make a better future*



Logo Yalitim®



Logoflex Glass Wool General

Logoflex Glass Wool Products are manufactured from fine glass fibres to be utilized for thermal and sound insulation of roofs, walls, ducts and pipes.

They are highly resilient and homogenous insulation materials which are free from coarse fibres, shot and impurities.

- They are rot proof and resistant to aging. They do not cause corrosion or rust.
- Logoflex Glasswool Products are not affected by sunrays and do not show shrinkage by time. They are dimensionally stable.
- They can be cut easily with no waste pieces and each piece left is usable.
- Fire resistance with respect to ASTM E 84 and EN 13501-1 Logoflex Glasswool Products are classified as "A" group noncombustible. Flame spread :5, Fuel contributed:0, Smoke developed:0 are determined on surface burning characteristics test.
- Unfaced Logoflex Glass Wool Products can withstand temperatures up to 250°C (482°F) and have a melting temperature over 1000 °C
- The thermal conductivity of Logoflex Glass Wool Products are below 0,41 W/mK 0,0236 (Btu/ftthF) at 10 °C (50 °F) mean temperature depending on the densities.

Logoflex Glass Wool Blankets



Description:

Logoflex Blankets are manufactured either unfaced or can be faced with aluminium foil (FSK) as vapour barriers, kraft paper, yellow or black glass tissue and ASJ. They are marketed as compressed rolls, packed in polyethylene shrink wraps.

Specifications:

- Unfaced Logoflex Blankets can withstand temperatures up to 250 °C (482 °F) and have a melting temperature over 1000 °C
- The thermal conductivity of Logoflex Glass Wool Blankets are below 0,41 W/mK 0,0236 (Btu/ftthF) at 10 °C (50 °F) mean temperature depending on the densities.
- Logoflex Blankets, unfaced and faced with glass tissue, are classified as 'A' group incombustible materials in accordance with EN 13501- 1 and DIN 4102 Logoflex Blankets, faced with kraft paper, ASJ or FSK, are classified as 'B1' group hardly flammable.

Product	Logoflex Blankets
Density (kg/m ³)	12-24
Thickness (cm)	2,5 - 20
Thermal Conductivity (W/mK)*	0,041 - 0,034
Thermal Conductivity (W/mK)**	0,043 - 0,036
Thermal Resistivity (m ² K/W)***	0,61 - 4,88 / 0,74 - 5,88
Dimensions (cm)****	120 x 2000 - 400
Packing (m ² /rolls)	24 - 7,2
Facing	Unfaced, FSK, ASJ, Kraft Paper

* Measured value according to EN 12667

** Declared value for CE marking, tested according to EN 12667

*** Calculated from measured value

**** Max. length is 30 m depending on densities and thickness

Logoflex Glass Wool Boards



Description:

- Logoflex Boards are designed for thermal and sound insulations of cavity walls.
- They are manufactured silicone spread and either unfaced or faced with several coverings
- Logoflex Boards are marketed in polyethylene shrink wraps.

Specifications:

Product	Logoflex Boards
Density (kg/m ³)	22
Thickness (cm.)	3 - 4 - 5 6 - 7,5 - 10
Thermal Conductivity (W/mK)*	0,034
Thermal Conductivity (W/mK)**	0,035
Thermal Resistivity (m ² K/W)***	0,86 - 2,86
Dimensions (cm.)	60 x 120
Packing (m ²)	14,40 - 10,80 - 8,64 - 7,20 - 5,04 - 4,32
Facing	Unfaced, Alu-foil, ASJ, Kraft paper, Glass Tissue

* Measured value according to EN 12667

** Declared value for CE marking, tested according to EN 13162

*** Calculated from measured value

- Unfaced Logoflex Boards can withstand temperatures up to 250°C (482°F) and have a melting temperature over 1000°C
- The thermal conductivity of Logoflex Boards are 0,0345 W/mK (0,0199 Btu/ft°F) at 10 °C (50 °F) mean temperature.
- Logoflex Boards unfaced and faced with glass tissue, are classified as 'A1' group noncombustible materials in accordance with EN 13501-1 and DIN 4102.
- Due to their water -vapour repellent properties, they do not show capillary action and non-hygroscopic.
- Logoflex Boards are heat and humidity resistant. No dimensional alterations are observed under temperatures up to 250°C
- The vapour diffusion resistance coefficient of Logoflex Board is $\mu = 1$ (DIN 4108, Table 1)
- For acoustic treatment, sound absorption coefficients, α are given in the below table with respect to frequencies.

Sound absorption coefficients, α :

Frequency (Hz)	125	250	500	1000	2000	4000
Thickness (50 mm.)	0,26	0,54	0,88	0,93	0,93	0,97
Thickness (100 mm.)	0,45	1,00	1,10	0,95	0,95	0,90

Logoflex Glass Wool Pipe



Description:

• Logoflex Glass Wool Pipe Sections are manufactured out of fine glass fibres of inorganic origin, bonded with a resinous binder and preformed into rigid sections with the product ranges to fit for pipes of 1/4" to 14" (included) nominal bore and from 20 mm. to 100 mm. insulation thicknesses. Available either unfaced, or with facing of Alu-Foil Scrim Kraft (FSK) or All Service Jacketing (ASJ).

• Logoflex Glass Wool Pipe Sections are packed in corrugated cardboard boxes resistant to impacts.

Specifications:

Product	Logoflex Pipe Section
Density (kg/m ³)	60 - 80
Inner Diameter (mm)	13 - 356
Thickness (cm)	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10
Length (cm)	120
Water Absorption (kg/m ²)	< 1
Thermal Conductivity (10°C) (W/mK)	Q 031
Thermal Conductivity (40°C) (W/mK)	Q 035
Facing	Unfaced, Alufoil, ASJ



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