



ECR glass fibre packing

Article description:	G700
Article forms:	Rectangular or square
Preparations:	Without any additionally preparations *
Materials:	ECR glass fibres (Direct roving)

* Preparations/ Coating on request

Mechanical properties:

- High mechanical strength
- Higher dielectric strength
- Higher abrasion resistance compared to E-glass fibres

Thermal properties:

ECR glass fibre

- Max. continuous temperature 740-750 °C
- Short-term 800 °C possible

Chemical properties:

- Better resistance to water, acids and alkalis (e.g. hydrochloric acid HCl 10 % or sodium carbonate 10 % Na₂CO₃) compared to E-glass fibres
- Resistant to oils and fats
- Not resistant to hydrofluoric acid (HF) and phosphoric acid (H₃PO₄)

Applications:

Application in plant and tank construction, also for the chemical industry. Also used in the automotive industry, in shipbuilding and in the electronics sector and for electronic devices, e.g. for insulation or in chimney and furnace construction.

Application limits

Temperatures above 800 °C lead to softening of the glass fibres.

Dimensions: 5 - 25 mm edge length rectangular or square (tolerance +/- 10 %) **

** Further dimensions on request

The above information is based on the current state of our knowledge of the product and is made to the best of our knowledge and belief. A warranty claim cannot be derived from this information. All previous issues hereby lose their validity.