

TECHNICAL FIBERS FROM E-GLASS

Made of E-glass or textured yarn. Impurities of texturing increase the density and the insulation characteristics. Glass products are very soft and elastic, do not cause a skin irritation and are not harmful to health. Through special chemical treatment, the fibers of E-glass temperature increase the resilience.

Characteristics of E-glass fibers:

Maximum continuous operating temperature - 450°C

Maximum short term temperature - 650°C

Diameter of the fiber - 9µm

Fireproof, resistant to oils, gases, solvents, acids and bases /except for highly concentrated/ material.

Characteristics of woven E-glass with extra forces chemical treatment:

Maximum continuous operating temperature - 700°C

Maximum transient temperature - 850°C

Diameter of the fiber – 6 ÷ 9 µm

Fireproof, resistant to acids and bases /except hydrofluoric and phosphoric acid and strong alkaline solutions/ material.

Contains no toxic elements or heavy metals.

Suggested types of tissues of E-glass:

Producer	Type	Compositions	Density, gr/m ²	Width, mm
MONTERO	TV-62	E-glass	660	1000
MONTERO	TV-75	E-glass	750	1000
MONTERO	TV-135	E-glass	1180	1000
MONTERO	TV-66A	E-glass, single masked with Al foil.	600	1000
MONTERO	TV-75T	E-glass surface	850	1000

		treatment for high temperatures		
MONTERO	TV140T	E-glass surface treatment for high temperatures	1280	1000
MONTERO	TV140CH	E-glass surface treatment against burning	1400	1000
MONTERO	TVS-100	E-glass for high temperatures	1000	1000
GAMBIT	3022	E-glass	to 1800	to 1500

Suggested types of E-glass bands:

Producer	Type	Composition	Density gr/m ²	Width, mm												
MONTERO	CTV-50	E-glass	1300	20	30	40	50	60		80		100	120	150		200
MONTERO	CTV-51	E-glass	1800	20	30	40	50	60		80		100	120	150		200
MONTERO	CTV-52	E-glass	2600		30		50									
MONTERO	CTV-56	E-glass with inconel	1800			40	50									
MONTERO	CTVS-50	E-glass for high temperatures	1800		30		50					100				
GAMBIT	3022	E-glass	1000 до 1800	20	30	40	50	60	70	80	90	100	120	150	180	200

***inconel – chrome-nickel fiber**