



DATA SHEET

STYLE – FGR (s-h) WOVEN TEXTURISED PLAIN FIBREGLASS YARN/ROPE

DESCRIPTION

Style FGR is fibreglass fibres twisted into yarn/rope and braided into either round or square form. Smaller sizes are fully braided as the larger sizes can, if required, be braided over a core to make manufacturing more economical. Density of FGR core is denoted by adding an “s”(soft) or “h”(hard) after the style.

APPLICATIONS

FGR can be manufactured in either square or round profiles to suit applications. The yarn will not support combustion or burn. It is unaffected by most dilute alkalis and acids. Usual applications include boiler close up, lagging on pipe work, duct flange seals and expansion joints, crucible seals, hot air hoods. It is unaffected by weather or moisture.

SIZES/AVAILABILITY

Size: 6.5mm to 100mm
Core: Soft or Hard

PHYSICAL PROPERTIES

Construction	Full Braid or Braid Over Core (Lattice Braid)	
Colour	White	
Temperature	538°C (1000°F)	
Item	Content (%)	Content (%)
	E-Glass	C-Glass
SIO	52-56	64-68
Al O	12-15	5-8
CaO	15-25	8-10
MgO	0-5	0-5
B O	5-10	0-2
Na O+K O	≤ 0.8	12
MSDS	Available upon request	

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