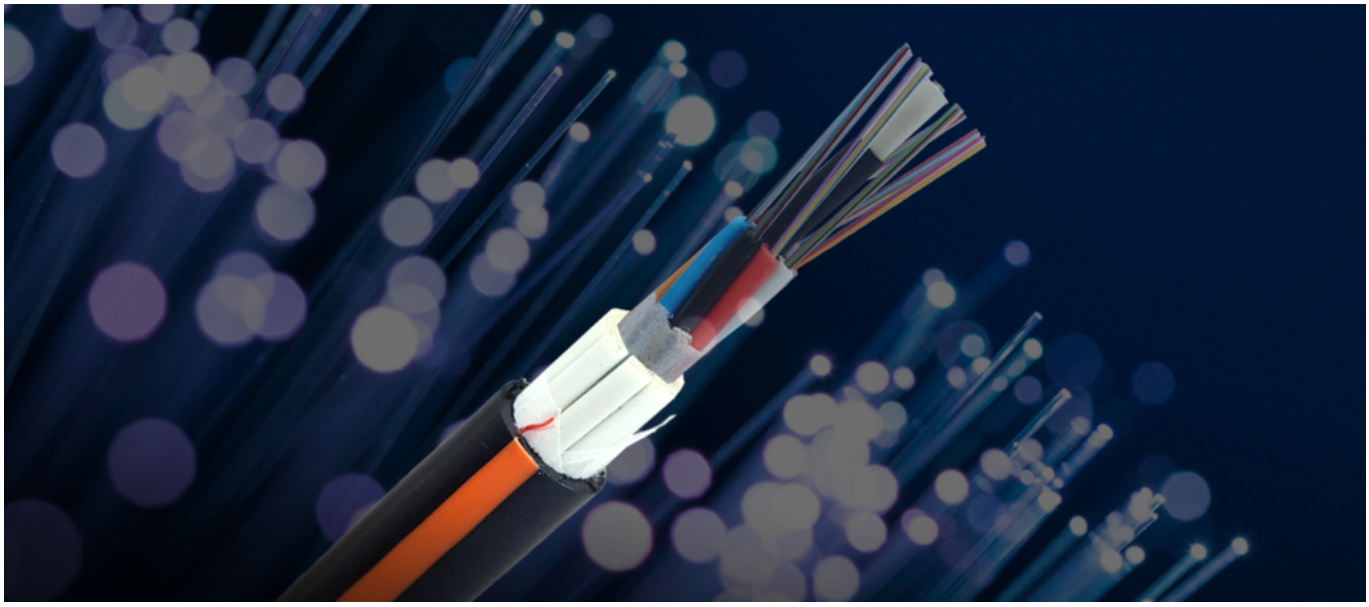


Our “armouring” GRP used for its lightweight, dielectric and resistant properties to protect your cables against rodents and bullets. Our most popular dimensions are 3,40*0,78 & 4,00*1,00mm and we may also manufacture dimensions in accordance with your needs. We are specialized in the specific rewinding of flat GRP with contiguous coils and we have rewinding equipments in our warehouse to package specific lengths on specific drums in accordance with your needs and machinery => monthly capacity 10 000km

MATERIAL SAFETY DATA SHEET

ISO 9001 CERTIFICATE

Flat GRP Rod (3,40*0,78mm) Characteristics

ITEM	UNIT	SPECIFICATION	TEST METHOD
Appearance	Shall be Good	Good	–
Width	mm	3,40 ± 0,05	Micrometer
Thickness	mm	0,78 ± 0,03	Micrometer
Density	g/mm^2	1.9 ~ 2.2	ASTM D 792
Tensile Strength	Kg/mm^2	Min. 130	ASTM D 3916
Tensile Modulus	Kg/mm^2	Min. 5000	ASTM D 3916
Elongation at Break	%	Min 2.5	ASTM D 3916
Coef. of Thermal Expansion	/°C	Nom. $7*10^{-6}$	ASTM D 696
Glass Content	%	Min. 80	–

ITEM	UNIT	SPECIFICATION	TEST METHOD
Minimum Bending Radius at 20°C (5 days)	–	25 X Thickness	–
Minimum Bending Radius at 100°C (5 days)	–	50 X Thickness	–
Minimum Bending Radius at 80°C in water (5 days)	–	50 X Thickness	–

Flat GRP Rod (4,00*1,00mm) Characteristics

ITEM	UNIT	SPECIFICATION	TEST METHOD
Appearance	Shall be Good	Good	–
Width	mm	4,0 ± 0,05	Micrometer
Thickness	mm	1,0 ± 0,05	Micrometer
Density	g/mm^2	1.9 ~ 2.2	ASTM D 792
Tensile Strength	Kg/mm^2	Min. 130	ASTM D 3916
Tensile Modulus	Kg/mm^2	Min. 5000	ASTM D 3916
Elongation at Break	%	Min 2.5	ASTM D 3916
Coef. of Thermal Expansion	/°C	Nom. $7*10^{-6}$	ASTM D 696
Glass Content	%	Min. 80	–
Minimum Bending Radius at 20°C (5 days)	–	25 X Thickness	–
Minimum Bending Radius at 100°C (5 days)	–	50 X Thickness	–
Minimum Bending Radius at 80°C in water (5 days)	–	50 X Thickness	–