

Our “best seller” GRP used as central strength member or armouring with diameters from 0,40mm to 4,00mm at 0,10mm units and meter marking every 2 meters for diameters above 1,00mm => monthly capacity 50 000km

---

MATERIAL SAFETY DATA SHEET

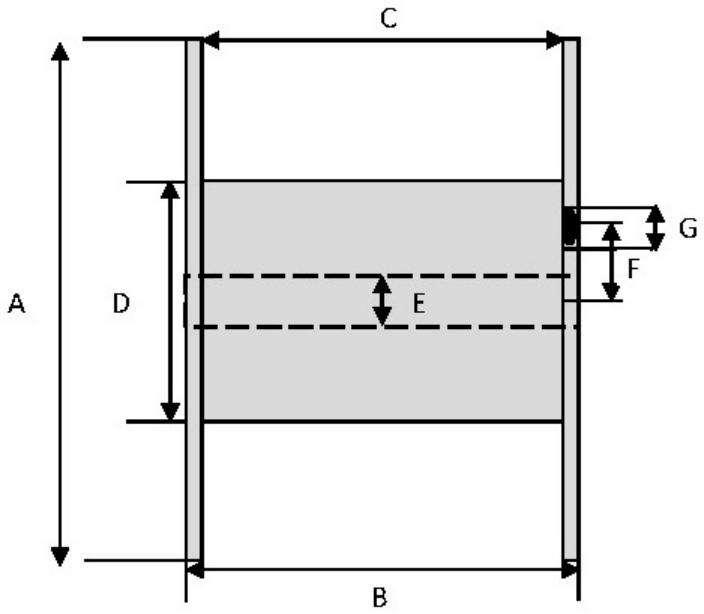
ISO 9001 CERTIFICATE

Uncoated GRP Rods (0,4~4,0mm) Characteristics

ITEM	UNIT	SPECIFICATION	TEST METHOD
Appearance	Shall be Good	Good	–
Diameter Tolerance	mm	dia. ± 0.05	Micrometer
Specific Gravity	g/mm^2	2.0 ~ 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
Flexural Strength	Kg/mm^2	Min. 140	ASTM D 790
Flexural Modulus	Kg/mm^2	Min. 5000	ASTM D 790
Coef. of Thermal Expansion	/°C	Nom. $7*10^{-6}$	–

ITEM	UNIT	SPECIFICATION	TEST METHOD
Minimum Bending Radius	mm	25 X Dia	–
Glass Content	%	Min. 80	–

Drum Dimensions



(mm)

GRP DIAMETER	A	B	C	D	E	F	G	LENGTH
0.4~0.8	500	316	250	320	57	85	53	50 Km
0.9~1.2	650	455	401	300	80	130	40	50 km
1.3~1.7	800	560	494	400	80	160	40	50 km
1.8~2.0	900	560	494	400	80	160	40	50 km
2.1~2.2	1000	480	560	400	80	160	40	50 km
2.3~4.0	1100	560	480	400	80	160	40	50 km*

*Length :

GRP Dia 2.7~3.0mm_37.8 Km

GRP Dia 3.1~3.7mm_25.6 Km

GRP Dia 3.8~4.0mm_15.0 Km