

Our “bonding” GRP with a 0,05mm EAA thermoplastic hot melt coating thickness suitable for PE extrusion or direct insertion into your “micro-modules” cables outersheat => monthly capacity 15 000km

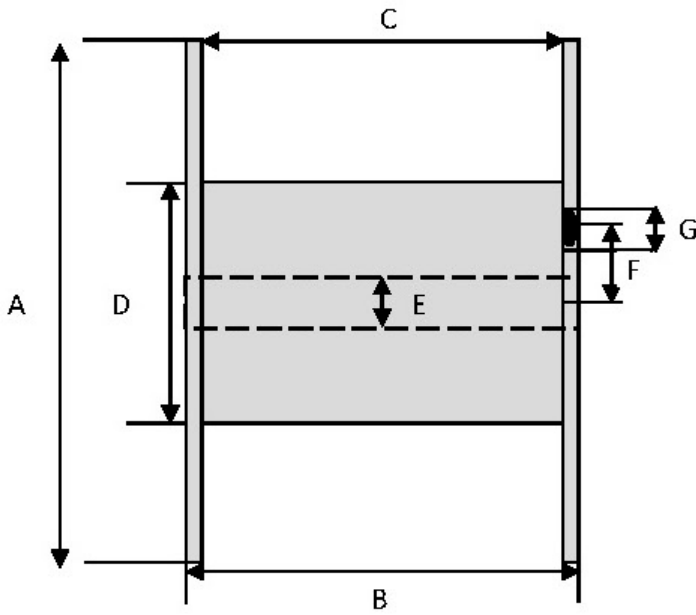
 [MATERIAL SAFETY DATA SHEET](#)

 [ISO 9001 CERTIFICATE](#)

EAA Coated GRP Rods (0,4~4,0mm) Characteristics

| ITEM | UNIT | SPECIFICATION | TEST METHOD |
|----------------------------|---------------|------------------------|-------------|
| Appearance | Shall be Good | Good | - |
| Diameter Tolerance | mm | dia. \pm 0.05 | Micrometer |
| EAA coating Thickness | mm | 0.05 ± 0.02 | 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 | $1^\circ C$ | Nom. $7 \cdot 10^{-6}$ | - |
| 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 | 560 | 480 | 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_12.5 Km