

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

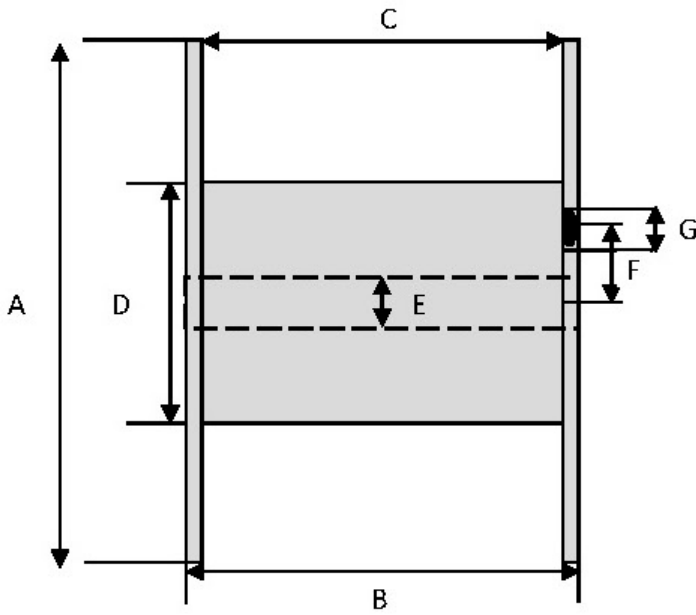
 [MATERIAL SAFETY DATA SHEET](#)

 [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                 | $0.05 \pm 0.02$        | Micrometer  |
| Specific Gravity           | g/mm <sup>2</sup>  | 2.0 ~ 2.2              | ASTM D 792  |
| Tensile Strength           | Kg/mm <sup>2</sup> | Min. 130               | ASTM D 3916 |
| Tensile Modulus            | Kg/mm <sup>2</sup> | Min. 5000              | ASTM D 3916 |
| Elongation at Break        | %                  | Min 2.5                | ASTM D 3916 |
| Flexural Strength          | Kg/mm <sup>2</sup> | Min. 140               | ASTM D 790  |
| Flexural Modulus           | Kg/mm <sup>2</sup> | Min. 5000              | ASTM D 790  |
| Coef. of Thermal Expansion | /°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