

# Duct Rod / Cobra

## DATA SHEET

**Product name:** EPD - Fiberglass Duct Rod

### Product information

The fiberglass duct rodder are used to push or pull lines or cables through ducts, tubes, conduit and pipes. It combine ease of operation and reliable performance to help increase the efficiency of your rodding operations.

### Features

1. Light weight, durable
2. High tensile strength and bending properties, which make it to go through narrow pipes easily.
3. Good temperature adaptability, the product will not soften in hot weather/not become brittle in cold weather. Working condition: -40°C to +80°C
4. Tolerance: ± 0.15mm

Mini Duct Rod without wheel (4.5mm&6mm)



Duct Rod with wheel (9mm&11mm&14mm)



- **Rod Material:** The fiberglass rod is made of alkali-free glass fiber and high quality resin for flexibility and tensile strength. The exterior layer is covered with high density UV-resistant polyethylene.
- **Rod colour:** Yellow
- **Identification:** Meters mark on the rod.
- **Frame Material:** Iron. Powder coated
- **Frame colour:** Black

### Current Duct Rods on offer:

- (102.1.1) 4.5mm Dia x 40mtr Rod on Reel Weight: 6Kgs
- (102.1.4) 4.5mm Dia x 100mtr Rod on Reel Weight: 8Kgs
- (102.2.1) 6mm Dia x 60mtr Rod on Reel Weight: 9Kgs
- (102.2.3) 6mm Dia x 100mtr Rod on Reel Weight: 12Kgs
- (102.3.3) 9mm Dia x 100mtr Rod on Reel Weight: 30Kgs
- (102.3.6) 9mm Dia x 200mtr Rod on Reel Weight: 40Kgs
- (102.4.1) 100 11mm Dia x 100mtr Rod on Reel Weight: 39Kgs
- (102.4.3) 200 11mm Dia x 200mtr Rod on Reel Weight: 54Kgs
- (102.5.2) 14mm Dia x 200mtr Rod on Reel Weight: 77Kgs

### Performance Data

Diameter (mm)	Bending Radius (mm)	Bending Strength (MPa)	Max Bending Force (KN)	Bending Modulus (GPa)	Yield Deflection (mm)	Breaking deflection (mm)
4.5	45	950.69	0.21	38.21	6.4	6.9
6	55	932.01	0.36	38.67	6.5	6.9
9	90	978.98	1.18	39.20	6.6	7.1
11	105	947.39	1.68	39.50	6.8	7.2
14	160	840.30	2.97	40.08	6.8	7.3

### Optional accessories available for the 9mm - 11mm - 14mm

