

# Flexrods and FlexiTrace™

Accessories for tracing non-conductive utilities



## Flexrods

Radiodetection Flexrods are used for inserting and pushing Radiodetection Sondes into and along pipes, drains and sewers etc. When used with a Radiodetection locator, flexrods can be used for tracing the path of the pipe or for locating blockages within. Alternatively the flexrod can be used to pull or thread draw strings/cables through ducts and pipes.

A sturdy, high quality steel frame incorporating a manual brake to help maintain control of the rod is used to house the flexrod. The glass fibre rod in a polypropylene sleeve provides resistance to abrasion, most solvents, oils and acids, together with providing a durable, long lasting visible rod with very good bend strength for operating in tight bends.

Radiodetection Flexrods are available in a wide range, with rod diameters from 4.5mm (0.18") to 11mm (0.43") and rod lengths of 50m (164') to 300m (984'). For more detailed information on size, connections and part numbers, refer to the technical specification section.

Note: Additional rod lengths and thicknesses may be available. Contact Radiodetection for more information.



## FlexiTrace

Radiodetection's FlexiTrace is a flexible rod containing conducting wires running the full length of the rod, with a transmitting sonde at the end and inserted into pipes and ducts where size restricts the use of larger diameter sondes or Flexrods. When used with a Radiodetection locator and transmitter, the FlexiTrace can be used to trace the line of the pipe or to locate blockages and collapses.

Available with a rod diameter of 5mm (0.2") and lengths of up to 80m (263') the FlexiTrace can be used to pinpoint the location of a blockage or used to trace the entire route of the pipe.



# Technical Specification

## Rod Specification:

Core Rod: E-Glass and Vinyl Ester with polypropylene, UV stabilised.

### 4.5mm (0.18") Rod

	Weight kg (lb)	Min. Bend Radius mm (in)	Rod Connection	Part Number
50M (164')	5 (11)	140 (6)	M5 male thread*	10/FLEXRODF50-4.5
80M (263')	5.5 (12)	140 (6)	M5 male thread*	10/FLEXRODF80-4.5

### 6.7mm (0.26") Rod

	Weight kg (lb)	Min. Bend Radius mm (in)	Rod Connection	Part Number
50m (164')	8 (18)	250 (10)	M6 male thread*	10/FLEXRODF50-7
100m (328')	11 (24)	250 (10)	M6 male thread*	10/FLEXRODF100-7
150m (492')	14 (31)	250 (10)	M6 male thread*	10/FLEXRODF150-7

### 9mm (0.35") Rod

	Weight kg (lb)	Min. Bend Radius mm (in)	Rod Connection	Part Number
60m (197')	26 (57)	310 (12)	M12 male thread**	10/FLEXRODF60
120m (394')	35 (77)	310 (12)	M12 male thread**	10/FLEXRODF120

### 11mm (0.35") Rod

	Weight kg (lb)	Min. Bend Radius mm (in)	Rod Connection	Part Number
300m (984')	66 (146)	390 (15)	M12 male thread**	10/FLEXRODF300

## FlexiTrace

	Weight kg (lb)	Min. Bend Radius mm (in)	Rod Connection	Part Number
50m (164')	6 (13)	250 (10)	Built in sonde	10/TRACE50-***
80m (263')	6.5 (14)	250 (10)	Built in sonde	10/TRACE80-***

\*= Supplied with pulling eye. \*\*= Supplied with a M10 female thread adaptor. \*\*\*= Language variant user guide label, enter GB - English, D - German, F - French and NL - Dutch

## Flexrod Frame size

	Length mm (in)	Width mm (in)	Height mm (in)
4.5mm (0.18") Flexrod	410 (16)	175 (7)	530 (21)
6.7mm (0.26") Flexrod	600 (24)	210 (8)	770 (30)
9mm (0.35") Flexrod	850 (33)	520 (21)	940 (37)
11mm (0.43") Flexrod	1110 (44)	520 (21)	1130 (45)

## FlexiTrace Frame size

	Length mm (in)	Width mm (in)	Height mm (in)
5mm (0.2") FlexiTrace	440 (17)	190 (7.5)	490 (19)

## Accessories

- 10/6-10FLEXRODADAPTOR – this accessory fits onto the 6.7mm (0.26") rod and has a 10mm (0.39") female end for use with Radiodetection's standard sondes with a 10mm (0.39") male thread.
- 10/SU0335 = M10 MALE SPRING COUPLING – this accessory fits onto the end of the 9mm (0.35") and 11mm (0.43") rod and helps reduce the shock to the sonde and helps ease the sonde around bends.