

# Specialist non-metallic systems

## TYPE XF & RF NON-METALLIC CONDUIT & FITTINGS



### PRODUCT CHARACTERISTICS

To order quote part no, colour & reel length - e.g. RF12/BL/30M

Type  
Description

**TYPE XF - XTRAFLEX**  
STANDARD WEIGHT CONDUIT

**TYPE RF - XTRAFLEX**  
STANDARD WEIGHT CONDUIT

**TYPE A - XTRAFLEX**  
STRAIGHT FITTING - FIXED EXTERNAL THREAD  
For insertion into threaded entries & knockouts.  
Supplied with Locknuts - METRIC THREAD ONLY.

**TYPE C90 - XTRAFLEX**  
90° ELBOW FITTING - FIXED EXTERNAL THREAD  
For insertion into knockouts.  
Supplied with Locknuts - METRIC THREAD ONLY.

Materials

PVCu spiral with plasticised PVC covering  
Colour Black (BL) only.

PVCu spiral with plasticised PVC covering  
Colour Black (BL) & Grey (GR).

Polyamide (Nylon) 66  
Colour Black (BL).

Polyamide (Nylon) 66  
Colour Black (BL).

Example



NOMINAL CONDUIT SIZE (mm)

12  
16  
16  
20  
25  
32  
40  
50

PART NUMBER	OUTSIDE DIAMETER (mm)	INSIDE DIAMETER (mm)	MINIMUM BEND RADIUS (mm)	REEL LENGTH (m)
XF12	14.5	10.0	25	30
XF16	16.5	12.0	30	30
-	-	-	-	-
XF20	20.5	16.0	35	30
XF25	27.5	22.0	50	30
XF32	33.5	28.0	60	30
XF40	44.0	38.0	80	30
XF50	57.5	50.0	105	30

PART NUMBER	OUTSIDE DIAMETER (mm)	INSIDE DIAMETER (mm)	MINIMUM BEND RADIUS (mm)	REEL LENGTH (m)
RF12	14.5	10.0	25	30
RF16	16.5	12.0	30	10, 30
-	-	-	-	-
RF20	20.5	16.0	35	10, 30
RF25	27.5	22.0	50	10, 30
RF32	33.5	28.0	60	10, 30
RF40	44.0	38.0	80	10, 30
RF50	57.5	50.0	105	10, 30

METRIC THREAD

M16  
M16  
M20  
M20  
M25  
M32  
M40  
M50

PART NUMBER

XF12/M16/D  
XF16/M16/D  
XF16/M20/D  
XF20/M20/D  
XF25/M25/D  
XF32/M32/D  
XF40/M40/D  
XF50/M50/D

METRIC THREAD

M16  
M16  
M20  
M20  
M25  
M32  
M40  
M50

PART NUMBER

-  
XF16/M16/C90  
-  
XF20/M20/C90  
XF25/M25/C90  
XF32/M32/C90  
-  
-

Note. PG, PF & NPT thread sizes available

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IP Rating with appropriate fitting

- IP40
- IP65
- IP66
- IP67
- IP68
- NEW IP69k

For use with following fittings;  
Xtraflex

n/a  
Xtraflex Fittings  
n/a  
n/a  
n/a  
n/a

For use with following fittings;  
Xtraflex

n/a  
n/a  
n/a  
Xtraflex Fittings  
n/a  
n/a

For use with following fittings;  
XTRAFLEX Type XF & RF

n/a  
Type XF conduit  
n/a  
Type RF conduit  
n/a  
n/a

For use with following conduit;  
XTRAFLEX Type XF & RF

n/a  
Type XF conduit  
n/a  
Type RF conduit  
n/a  
n/a

Temperature Range

Static Applications: -5 °C to +60 °C  
Moving Applications: -5 °C to +60 °C

Static Applications: -20 °C to +60 °C  
Moving Applications: -5 °C to +60 °C

Static Applications: -5 °C to +60 °C  
Moving Applications: -5 °C to +60 °C

Static Applications: -5 °C to +60 °C  
Moving Applications: -5 °C to +60 °C

UV Resistance

High

High

Flexibility & Fatigue Life

Very High Flexibility - Medium Fatigue Life

Medium Flexibility - Medium Fatigue Life

Fire Performance & EMI Screen

Self Extinguishing

Self Extinguishing

Approvals



System Applications

Torsional Equipment

Direct Burial in Concrete

Fitting Characteristics

