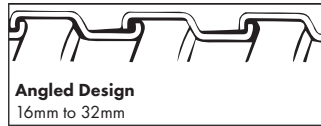
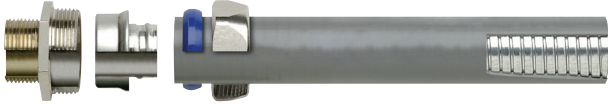


# Alco

## Type LDEF Flexible Metal Conduit



### APPLICATIONS:

Provides cable protection in harsh environments

### FUNCTION:

Provides flexible dust and liquid tight protection of cables

### FEATURES:

- Extra flexible general construction grade liquid-tight wiring conduit with galvanised steel core
- Durable, sunlight resistant, grey thermoplastic PVC cover
- Uses standard liquid-tight fittings for easy installation
- Smooth appearing cover for exposed applications with convenient markings in feet
- No copper ground wire
- IP67 rating (with correctly installed fittings)
- Conforms to IEC 61386

### TEMPERATURE RANGE:

-20°C to +60°C (-4°F to +140°F)

### TECHNICAL DATA:

CLASSIFICATION	VALUE	DESCRIPTION
<b>Compression resistance:</b>	3	Medium (750 N)
<b>Impact resistance:</b>	4	Heavy (6J)
<b>Minimum temperature:</b>	6	-15°C
<b>Maximum temperature:</b>	1	+60°C
<b>Bending resistance:</b>	4	Flexible
<b>Electrical properties:</b>	3	with continuity and insulating characteristics
<b>Resistance to ingress of solid foreign objects (I):</b>	6	Protected against dust (dustproof)
<b>Resistance to ingress of water (P):</b>	7	Watertight (1 meter deep, 30 mins)
<b>Corrosion resistance inside / outside:</b>	3	Medium / High
<b>Tensile strength:</b>	4	Heavy (1000 N)
<b>Resistance to flame propagation:</b>	1	Non-flame propagating
<b>Suspended load capacity:</b>	0	None declared

### SPECIFICATIONS:

PART NUMBER	Conduit Size		Inside Diameter (mm)	Outside Diameter (mm)	Approx Inside Bend Dia (mm)	Weight (kg/30m)	Thread Size (mm)	Length (m)	Suitable Fitting Part Number		
	mm	Inches							Straight	45°	90°
<b>LDEF38-30</b>	16	3/8	12.3	17.5	101.6	7.7	16 20	30	C16/M16 C16/M20	C16/M16/45A C16/M20/45A	C16/M16/90A C16/M20/90A
<b>LDEF12-30</b>	20	1/2	15.7	20.8	127.0	8.6	20	30	C20/M20	C20/M20/45A	C20/M20/90A
<b>LDEF35-30</b>	25	3/4	20.7	26.2	152.4	11.8	25	30	C25/M25	C25/M25/45A	C25/M25/90A
<b>LDEF100-30</b>	32	1	26.2	32.8	203.2	20.4	32	30	C32/M32	C32/M32/45A	C32/M32/90A



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