

Large diameter systems nylon



IP40

IP65

Conduit

LDFPAS

LOW FIRE HAZARD

Construction: Standard weight, flame retardant nylon (PA6) corrugated flexible conduit.

Color: Black.

Typical Applications: All types of machinery, public buildings.

- Highly flexible and high fatigue life
- High impact strength and recovers if crushed
- Temperature range -40°C to +120°C (-20°C to +100°C for moving applications)
- Lloyd's Register Type Approval
- Low Fire Hazard (LFH), see page 71
- UL 94 V2 flame retardancy
- Halogen, sulphur and phosphorus free
- UV resistant (black)
- Abrasion resistant
- Highly resistant to solvents and oils

Fittings

LDMPS

straight flanged nylon clamp fitting with seals

Flanged body with 2 clamps and seals.

IP65



LDMPS90

90° flanged nylon clamp fitting with seals

Flanged 90° body with 2 clamps and seals.

IP65



European (NW) sizes
nominal size (mm)

LDFPAS

part number	reel length (m)	outside dia (mm)	inside dia (mm)	min inside bend radius (mm)
LDFPAS80	10	80.0	67.0	160
LDFPAS106	10	106.0	91.5	210

70 80
95 106

termination

part number

FL

LDMPS-80-FL

FL

LDMPS-106-FL

termination

part number

FL

LDMPS90-80-FL

FL

LDMPS90-106-FL

Note: Gray available upon request

Properties

- Suitable for use with Large Diameter conduits
- Material
 - LDMPAS: nylon PA6
 - FCLAMP: nylon PA66
 - REC: thermoplastic elastomer
- Temperature Range
 - LDMPAS fittings: -40° to 120°
 - FCLAMP: -50° to 135°
 - REC: -50° to 120°
- UV resistant
- Fire Performance
 - **LDMPAS:**
 - Halogen, Sulphur & Phosphorous Free
 - Self extinguishing
 - **REC:**
 - Halogen, Sulphur & Phosphorous Free

Ordering Notes

- Specify black or gray (B = Black, G = Gray)
 - *Gray is special order
 - eg: LDFPAS80B-10M for Black 10m reel
 - **Available on request:**
 - longer lengths and bulk packaging
 - cut lengths and assemblies
 - alternative conduit material
- + Contact Flexicon™ for more details
- FCC75 and FCC106 PVC lined plated steel P-clips
 - 80mm can be used with F-Clamps
- * Indicates parts made to order on request and may be subject to MOQ and lead time

Standards



BS EN IEC 61386

