# **Liquid Tight Conduits** continued



# Multiflex Consulting Aps

tlf.: 5332 7083

#### LTPUL



Construction: Galvanised steel. helically wound, flexible steel conduit including copper bonding strip (up to 40mm) with smooth PVC cover.

Colour: Black

Typical Applications: As for LTP but where UL listing or CSA approval is required

Special Characteristics: UL listed and CSA approved.

- · High mechanical strength
- IP rating: IP66 + IP67 + IP68 (5 bar)
- · Smooth, wipe clean outer cover
- · Cover does not wrinkle when bent
- Temperature range
- -15°C to +75°C (LTPUL)
- · Good flexibility
- UV resistant (Black) and suitable for external use
- · Resistant to oils and greases
- For UL listed fittings see page 104
- · Vibration and shock tested to EN61373 Cat 2

#### LTPPU



Construction: Galvanised steel, helically wound, flexible steel conduit with smooth halogen free polyurethane cover.

Colour: Black (B) and Blue (BU) (RAL 5015)

Typical Applications: High mechanical strength with low temperature and high abrasion resistance, combined with extremely high IP rating (IP68 and IP69) suitable for external applications where fire performance is not a requirement.

Special Characteristics: Low temperature performance, high abrasion and high fatigue life.

- · High mechanical strength
- Good flexibility
- IP rating: IP66 + IP67 + IP68 (5 bar) + IP69
- · Smooth, wipe clean outer cover
- · Cover does not wrinkle when bent
- · Resistant to oils & greases
- Temperature range: -40°C to +100°C
- UV resistant and suitable for external use
- · High abrasion, high fatigue life · Vibration and shock tested to
- EN61373 Cat 2

### **LTPPUAS**



Construction: Galvanised steel, helically wound, flexible steel conduit with smooth halogen free polyurethane cover.

Colour: Black (B) and Blue (BU) (RAL 5015)

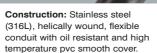
Typical Applications: High mechanical strength with low temperature and high abrasion resistance, combined with extremely high IP rating (IP68 and IP69) suitable for external applications where fire performance is not a requirement.

Special Characteristics: Low temperature performance, high abrasion and high fatigue life.

LTPPUAS As per LTPPU but with an anti-static performance coating.

- · High mechanical strength
- · Good flexibility
- IP rating: IP66 + IP67 + IP68 (5 bar) + IP69
- · Smooth, wipe clean outer cover
- · Cover does not wrinkle when bent
- Resistant to oils & greases
- Temperature range:-40°C to +100°C
- UV resistant and suitable for external use
- · Vibration and shock tested to EN61373 Cat 2
- Anti-Static performance coating to EN60079-0

### LTPSS



Colour: Black

Typical Applications: Machinery or outdoor applications where high corrosion resistance and liquid tight are a requirement.

Special Characteristics: Enhanced corrosion resistance performance.

- High mechanical strength
- Good flexibility
- IP rating: IP66 + IP67 + IP68 (5 bar) + IP69
- Smooth, wipe clean outer cover
- · Cover does not wrinkle when bent
- · Resistant to oils & greases
- Temperature range: -20°C to +105°C
- UV resistant and suitable for external use
- Vibration and shock tested to EN61373 Cat 2
- · Also available as a Hygienic version with a coating manufactured from FDA approved ingredients - see page 112

LTPUL	part number	reel length (m)	min inside bend radius (mm)	LTPPU part number	inside dia (mm)	min inside bend radius (mm)	LTPPUAS	part number	reel length (m)	min inside bend radius (mm)	LTPSS	part number	reel length (m)	min inside bend radius (mm)	nominal size (mm)
			LTPPU10*	25	35									10	
															10
				LTPPU12*	25	40									12
LTPUL16B		25	50	LTPPU16*	25	45	LTPPUAS16*		25	45	LTPSS16*		25	45	16
															16
LTPUL	.20B	25	90	LTPPU20*	25	65	LTPPUAS20*		25	65	LTPSS20		25	65	20
LTPUL	.25B	25	110	LTPPU25*	25	100	LTPPUAS25*		25	100	LTPSS25		25	100	25
LTPUL	.32B	10, 25	140	LTPPU32*	25	135	LTPPUAS32*		25	135	LTPSS32		10	135	32
LTPUL	.40B	15	180	LTPPU40*	10	175	LTPPUAS40*		10	175	LTPSS40		10	180	40
LTPUL	.50B+	15	230	LTPPU50*+	10	230	LTPPU	AS50*+	10	230	LTPSSS	i0 <sup>+</sup>	10	230	50
LTPUL63B+		15	280	LTPPU63*+	10	280	LTPPUAS63*+		10	280	LTPSS63+		10	280	63

## Standards



















