

# POLYURETHANE REINFORCED HOSE

## CPR Series

# Copely



Our PU is manufactured from non-phthalate ether polyurethane material which is suitable for food contact applications and has a good resistance to UV. Construction from Non-phthalate ether polyurethane, reinforced with 1000 denier polyester high tenacity yarn. Temperature range: -30°C to +70°C, occasional use up to 100°C, brittle point: -70°C.

### Key Features:

- Silicone free.
- Cadmium free.
- Plasticiser free.
- Hydrolysis resistant.
- Halogen free.
- Good corrosion & abrasion resistance.
- Highly elastic.
- Lightweight.
- Flexible even at low temperatures.
- Good bend radii.

### Conformance:

Polyurethane has a good resistance to many:

- Fuels
- Oils
- Greases
- Solvents
- Chemicals
- Gases

### Sizes:

30m coils  
Coiled and tyre wrapped  
Alternative sizes, lengths & colours available subject to MOQ

### Colours:

Clear



1. Polyether based thermoplastic polyurethane
2. Phthalate free PVC
3. Polyether based thermoplastic polyurethane



### Applications:

- Lubrication lines
- Hydraulic lines
- Granular transfer
- Robotics
- Oil & fuel lines
- Cement slurries
- Petroleum products
- Abrasive products

### Conformance:

- Non-phthalate
- Raw materials used have regulatory approval for food contact applications
- FDA 175.105, 177.1680 & 177.2600
- Manufactured from a WRAS approved material - approval number 2306534



Product Ref	Internal Diameter	External Diameter	Maximum Working Pressure	Minimum Burst Pressure	Weight per Metre	Bend Radius
CPR06	6.3 mm	12 mm	13 Bar	40 Bar	0.113 Kg	70 mm
CPR08	8 mm	14 mm	11 Bar	33 Bar	0.140 Kg	82 mm
CPR10	10 mm	15.75 mm	10 Bar	30 Bar	0.143 Kg	95 mm
CPR12	12.5 mm	18.5 mm	7 Bar	21 Bar	0.183 Kg	110 mm
CPR16	16 mm	23 mm	7 Bar	21 Bar	0.285 kg	140 mm
CPR19	19 mm	26 mm	6 Bar	18 Bar	0.358 kg	155 mm
CPR25	25 mm	34 mm	3.5 Bar	10.5 Bar	0.500 Kg	200 mm