

# POLYKLER PTFE XX

## CHEMICAL PETROCHEMICAL

Composite hoses/Chemical and corrosive products



### Applications

Suction and discharge of a large number of aggressive or corrosive chemicals, chemical waste, and all petroleum products with aromatic content up to 100 %.

For road and rail tanker equipment or fixed installations in the chemical industry.

### Advantages

- Easy to handle due to hose flexibility (low bending radius).
- Usable at a wide range of temperatures.
- Capable of handling many different chemicals.
- Electrical conductivity assured by the external helix which is attached to the couplings.
- External helix in stainless steel designed for corrosion resistance.

### Technical description

**Inner tube:** chemical resistant PTFE, transparent, smooth.

**Reinforcement:** polypropylene layers with internal and external stainless steel helix.

**Cover:** PVC-coated fabric, black, corrugated.

**Temperature range:** - 60 °C to + 120 °C.

**Electrical properties:** electrically conductive.

**Standard/Approval:** BS 5842.

### Complementary information

Fitted lengths are delivered on request.

### Couplings/Fittings

All type of swaged-on couplings with specific helical shanks.  
Semi-symmetrical: aluminium, gun-metal, stainless steel, polypropylene.

Female knuckleless thread swivel, male and female BSP: aluminium or gun-metal.

Cam action quick couplings (Kamlok type).

Fixed or swivel ISO PN 10, ISO PN 20 flanges.

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ID		OD		Working pressure	Bursting pressure	Max. vacuum	Bending radius	Weight	Length	Article number	Stock (■) or min. order
mm		mm		bar	bar	bar	mm	kg/m	m		m
<b>25.0</b>	-0/+1	36.0	± 1.5	10	40	0.9	70	0.98	30	5500412	30
<b>32.0</b>	-0/+1	43.0	± 1.5	10	40	0.9	70	1.20	30	5500413	30
<b>40.0</b>	-0/+1	52.0	± 1.5	10	40	0.9	75	1.56	30	5500414	30
<b>50.0</b>	-0/+1	63.5	± 1.5	10	40	0.9	110	2.05	30	5500415	30
<b>65.0</b>	-0/+1	78.5	± 1.5	10	40	0.9	125	2.91	30	5500416	30
<b>80.0</b>	-0/+1	93.5	± 1.5	10	40	0.9	170	3.35	30	5500417	30
<b>100.0</b>	-0/+1	120.5	± 1.5	10	40	0.9	230	5.35	30	5500418	30

### Branding

