

POLDERFLEX PVC

Ref 000446

PVC Suction Hose & Transport Hose, pressure & vacuum proof, cadmium-free, flexible



Pressure & vacuum proof

Flexible

Cadmium-free

Atoxic

Chemical resistant

-20 to +60 °C

CONSTRUCTION & MATERIALS

- Spiral: spring steel wire
- Wall: soft PVC
- Wall thickness: approx. 3–10 mm between spirals, depending on DN size

PROPERTIES

- Pressure & vacuum resistant
- Flexible
- Lining: smooth inner and outer surfaces
- Atoxic: physiologically safe and harmless
- Resistance: good oil, alkali and acid resistance; good chemical resistance

TEMPERATURE

- Operating range: -20 to +60 °C
- Short-term peak: to +80 °C

APPLICATIONS & INDUSTRIES

- Sewer cleaning
- Vacuum pumps
- Agriculture
- Construction industry
- Groundwater offtake
- Suction & transport hose for abrasive solids, liquids and gases

VARIANT SPECIFICATIONS

18 sizes · DN 13 to 152 mm

Article no.	DN (mm)	Outer Ø (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000446-013-x	13	19	26	0.22	9.00	0.88
000446-016-x	16	22	32	0.27	9.00	0.88
000446-019-x	19	26	38	0.35	8.00	0.88
000446-020-x	20	27	40	0.34	8.00	0.88
000446-025-x	25	33	50	0.52	8.00	0.88
000446-032-x	32	40	64	0.66	8.00	0.88
000446-038-x	38	47	76	0.80	7.00	0.88
000446-040-x	40	50	80	0.95	7.00	0.88
000446-045-x	45	55	90	1.15	6.00	0.88
000446-051-x	51	62	102	1.35	5.00	0.88
000446-060-x	60	72	120	1.75	5.00	0.88
000446-063-x	63	75	126	1.80	5.00	0.88
000446-076-x	76	89	152	2.30	4.00	0.88
000446-080-x	80	93	160	2.58	4.00	0.88
000446-090-x	90	104	270	2.95	4.00	0.88
000446-102-x	102	117	306	3.75	3.00	0.88
000446-127-x	127	143	381	4.80	3.00	0.88
000446-152-x	152	170	456	6.50	2.00	0.88

Lengths. Supplied in standard stock lengths – see flex-appeal.co.uk for available sizes.