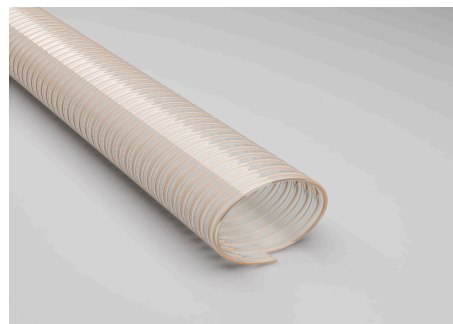


POLDERFLEX PUR

Ref 000187

PU Suction hose & Transport Hose, extremely pressure and vacuum resistant, smooth inner and



Flexible

Pressure resistant

-40 to +90 °C

CONSTRUCTION & MATERIALS

- Construction: profile extruded hose with metal spiral
- Spiral Design: made of steel wire
- Material of the spiral: spring steel
- Wall: made of pure material / made of specified material / wall thickness 3 - 5 mm, depending on DN
- Wall material: polyester polyurethane
- Specifications of the wall: material is more abrasion resistant than comparable polyurethane according to DIN ISO 4649

PROPERTIES

- Chemical resistance: halogen-free / good resistance to chemicals / good UV resistance / good resistance to petrol / good resistance to oil / good ozone resistance / plasticiser-free
- Mechanical: excellent mechanical tensile strength and tear resistance
- Flexibility: moderately flexible
- Weight: heavy
- Pressure: very pressure resistant
- Colour: transparent
- Other: high vacuum and good pressure resistance / largely smooth inside / smooth on the outside / longer service life

TEMPERATURE

- Operating range: -40 to 90 °C
- Short-term peak: peaks to 125 °C

APPLICATIONS & INDUSTRIES

- Applications: Industry / Bulk & Construction / Chemistry / Food & Pharma / Plastics / Printing & Paper / Metal & Toolmaking

VARIANT SPECIFICATIONS

14 sizes · DN 32 to 152 mm

Article no.	DN (mm)	Outer Ø (mm)	Bend radius (mm)	Weight (kg/m)	Working press. (bar)	Vacuum (bar)
000187:32:x	32	42	160	0.88	5.75	0.93
000187:38:x	38	48	190	1.03	5.63	0.93
000187:40:x	40	50	200	1.07	5.50	0.93
000187:45:x	45	54	225	1.20	5.38	0.93
000187:51:x	51	62	250	1.25	5.25	0.93
000187:60:x	60	72	300	1.44	5.13	0.93
000187:65:x	65	76	325	1.56	5.10	0.93
000187:70:x	70	82	350	1.77	5.05	0.93
000187:75:x	75	87	375	1.90	5.00	0.93
000187:76:x	76	88	380	1.92	5.00	0.93
000187:80:x	80	92	400	2.01	4.50	0.88
000187:102:x	102	113	600	3.10	4.13	0.86
000187:127:x	127	138	700	3.85	3.25	0.64
000187:152:x	152	164	800	4.59	2.13	0.42

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