

foxiGarant PUR L



Scope of Application

- Suction and feed hose for abrasive solids
- Gaseous and liquid media
- Suction of paper and textile fibers
- Transport of fine-grained particles, such as dust and powder
- Suction of oil mist
- Protective hose for mechanical load

Properties

- Highly abrasion-resistant
- Oil resistant and petrol resistant, gastight
- Good chemical resistance
- Unplasticized, free of halogens
- UV and ozone resistant
- Light, extremely flexible
- Lowest bend radii
- High tensile and tearing strength
- Inside: smooth, hence fluidically optimal
- Leakage of electrostatic charges according to ZH I/200 when the spiral is grounded

Material

- Wall: 100% pure polyester polyurethane (according to DIN 53516 about 30% more abrasion-resistant than comparable polyether polyurethane)
- Spiral: spring steel wire

Temperature Range

- -40°C to $+90^{\circ}\text{C}$, for a short time up to $+125^{\circ}\text{C}$

Chemical Resistance

- See resistance list register no. 15

Delivery forms







Available for delivery from stock:

- DN 25 - DN 500
- Color: transparent

Available on request:

- Colored
- With customer imprint
- Special lengths
- Bacteria-resistant
- Hydrolysis-stabilized
- Electrically conducting

All the information refers to a media and ambient temperature of +20°C. Technical changes and color deviations reserved. Please take into account the technical appendix when selecting the hoses.

		Vacuum				
25 mm	46,7 psi	11,38 psi	31 mm	31 mm	0,25 kg/m	10 m, 15 m
32 mm	36,55 psi	10,31 psi	40 mm	40 mm	0,35 kg/m	10 m, 15 m
38 mm	30,45 psi	9,60 psi	46 mm	46 mm	0,39 kg/m	10 m, 15 m
40 mm	30,45 psi	9,60 psi	48 mm	48 mm	0,40 kg/m	10 m, 15 m
45 mm	26,68 psi	8,52 psi	53 mm	53 mm	0,42 kg/m	10 m, 15 m
50 mm	24,36 psi	7,46 psi	58 mm	58 mm	0,45 kg/m	10 m, 15 m
55 mm	22,33 psi	6,39 psi	63 mm	63 mm	0,51 kg/m	10 m, 15 m
60 mm	20,30 psi	6,39 psi	68 mm	68 mm	0,53 kg/m	10 m, 15 m
65 mm	18,27 psi	5,33 psi	73 mm	73 mm	0,64 kg/m	10 m, 15 m
70 mm	16,24 psi	5,33 psi	78 mm	78 mm	0,68 kg/m	10 m, 15 m
75 mm	16,24 psi	4,26 psi	84 mm	84 mm	0,72 kg/m	10 m, 15 m
80 mm	14,21 psi	4,26 psi	88 mm	88 mm	0,76 kg/m	10 m, 15 m
90 mm	12,18 psi	3,20 psi	99 mm	99 mm	0,88 kg/m	10 m, 15 m
100 mm	12,18 psi	3,20 psi	110 mm	110 mm	0,95 kg/m	10 m, 15 m
110 mm	10,15 psi	3,20 psi	119 mm	119 mm	1,03 kg/m	10 m, 15 m
115 mm	10,15 psi	3,20 psi	124 mm	124 mm	1,06 kg/m	10 m, 15 m
120 mm	10,15 psi	3,20 psi	129 mm	129 mm	1,12 kg/m	10 m, 15 m
125 mm	10,15 psi	3,20 psi	135 mm	135 mm	1,18 kg/m	10 m, 15 m
130 mm	8,12 psi	3,20 psi	139 mm	139 mm	1,20 kg/m	10 m, 15 m
140 mm	8,12 psi	2,13 psi	149 mm	149 mm	1,38 kg/m	10 m, 15 m
150 mm	8,12 psi	2,13 psi	161 mm	161 mm	1,48 kg/m	10 m, 15 m
160 mm	8,12 psi	2,13 psi	170 mm	170 mm	1,74 kg/m	10 m, 15 m
170 mm	6,09 psi	2,13 psi	180 mm	180 mm	1,80 kg/m	10 m, 15 m
175 mm	6,09 psi	2,13 psi	185 mm	185 mm	1,85 kg/m	10 m, 15 m
180 mm	6,09 psi	2,13 psi	190 mm	190 mm	1,90 kg/m	10 m, 15 m
200 mm	6,09 psi	2,13 psi	214 mm	214 mm	2,30 kg/m	10 m, 15 m
225 mm	4,06 psi	2,13 psi	235 mm	235 mm	2,55 kg/m	10 m, 15 m
250 mm	4,06 psi	2,13 psi	260 mm	260 mm	3,02 kg/m	10 m, 15 m
275 mm	4,06 psi	2,13 psi	284 mm	284 mm	3,11 kg/m	10 m
280 mm	4,06 psi	0,95 psi	290 mm	290 mm	3,14 kg/m	10 m
300 mm	3,62 psi	0,95 psi	310 mm	310 mm	3,20 kg/m	10 m
315 mm	3,62 psi	0,95 psi	325 mm	325 mm	3,32 kg/m	10 m
325 mm	3,62 psi	0,95 psi	335 mm	335 mm	3,40 kg/m	10 m
350 mm	1,88 psi	0,95 psi	360 mm	360 mm	3,60 kg/m	10 m
400 mm	1,88 psi	0,73 psi	410 mm	411 mm	4,45 kg/m	10 m
450 mm	1,88 psi	0,73 psi	460 mm	461 mm	5,06 kg/m	10 m
500 mm	1,88 psi	0,73 psi	510 mm	511 mm	5,70 kg/m	10 m