

# foxiGarant PUR L-EL



## Scope of Application

Special suction and blower hose for abrasive solids, particularly in danger zones, where electric conductivity is required (areas subject to explosion hazards), such as

- Transportation of fine-grained powder and dust
- Suction of granules, chips, fibers
- Industrial vacuum cleaners
- Suction of liquid and gaseous media

## Properties

- Electrically conductive, surface resistivity  $\leq 10^9$  Ohm
- Simple application (approx. 0.75 mm wall thickness)
- Highly flexible
- Smooth on the inside
- Abrasion-resistant

## Construction

- Spiral ingrained in the hose wall in a torque-proof and nonshiftable way
- Wall thickness between the spirals approx. 0.75 mm

## Material

- Wall: highly abrasion-resistant polyester polyurethane, electrically conducting  $\leq 10^9$  Ohm
- Spiral: encapsulated spring steel wire
- Colour: black

## Temperature Range:

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



Vacuum



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
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
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
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
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	1,07 psi	235 mm	235 mm	2,55 kg/m	10 m, 15 m
250 mm	4,06 psi	1,07 psi	260 mm	260 mm	3,02 kg/m	10 m, 15 m
275 mm	4,06 psi	1,07 psi	284 mm	284 mm	3,11 kg/m	10 m, 15 m
300 mm	3,62 psi	0,95 psi	310 mm	310 mm	3,20 kg/m	10 m, 15 m
315 mm	3,62 psi	0,95 psi	325 mm	325 mm	3,32 kg/m	10 m, 15 m
325 mm	3,62 psi	0,95 psi	335 mm	335 mm	3,40 kg/m	10 m, 15 m
350 mm	1,88 psi	0,95 psi	360 mm	360 mm	3,60 kg/m	10 m, 15 m
400 mm	1,88 psi	0,73 psi	410 mm	411 mm	4,45 kg/m	10 m, 15 m
450 mm	1,88 psi	0,73 psi	460 mm	461 mm	5,06 kg/m	10 m, 15 m
500 mm	1,88 psi	0,73 psi	510 mm	511 mm	5,70 kg/m	10 m, 15 m