

Suction Hoses

The hose is the conveying line of the source-extraction installation. The demands placed on the suction hose are:

- hard-wearing
- light and flexible
- not affected by extremes of temperatures
- crushproof
- does not give static electric shocks

When long suction hoses have to be used their diameter should progressively increase from the suction casing, with the smallest hose nearest the suction casing not exceeding 2-3 m length. Coupling is carried out with external couplings which are easy to use.



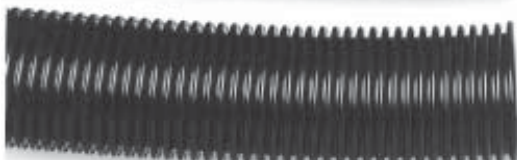
Suction hoses, standard

Ø	Part No.	Standard length
76	2001	10 m
50	2401	15 m
38	2111	15 m
32	2112	15 m
25	2113	15 m



Suction hoses, heat resistant

Ø	Part No.	Standard length
50	2004	15 m
38	2003	15 m



Suction hoses, antistatic

Ø	Part No.	Standard length
76	2024	10 m
50	2013	15 m
38	2012	15 m
32	2005	15 m
25	2025	15 m



Suction hoses PU, extra abrasion resistant

Ø	Part No.	Standard length
76	2056*	5 and 10 m
50	2054*	5 and 10 m
38	2055*	5 and 10 m

TECHNICAL DATA

Description	Dimension Ø	Part No.	Colour	Material	Temp °C max/min	Antistatic	Abrasion resistance	UV and Ozone resistance	Resistance to Welding Fume	Resistance to solvent and oil
Suction hoses standard	76 mm	2001	Blue	PE	+45/-45	No	2	2	3	3
	50 mm	2401								
	38 mm	2111								
	32 mm	2112								
	25 mm	2113								
Suction hoses heat resistant	50 mm	2004	Grey	PP(EPDM)	+90/-40	No	3	2	1	4
	38 mm	2003								
Suction hoses antistatic	76 mm	2024	Black	PE	+45/-40	Yes	2	2	3	3
	50 mm	2013								
	38 mm	2012								
	32 mm	2005								
	25 mm	2025								
Suction hoses PU	76 mm	2056	Trans- parent	PU	+80/-60	Yes *)	1	1	3	1
	50 mm	2054								
	38 mm	2055								

Scale: 1 Excellent 2 Good 3 Limited 4 Poor

Antistatic is defined as having a conductivity of <math> < 10^9 \Omega </math>
*) The wire helix must be bared and left in contact with conductive material for static discharge

Ø designates the inside of the hose