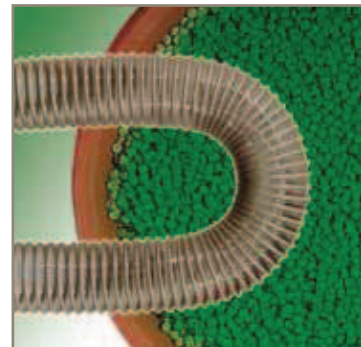




aerospace  
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# Ducting



ENGINEERING YOUR SUCCESS.



## J – Ducting

Hose	ID Range (mm)	Temp. Range (°C)	Application
ASPIREX	20 - 250	-15 / +60	suction equipment
ASPIREX 140 °C	40 - 150	-40 / +140	suction equipment
ASPIREX PU/ANC	38 - 100	-25 / +85	suction equipment



	Tube	Reinforcement	Cover	WP (bar)	Safety factor	Suction	Industry standard	Page
	PVC	PVC wire	PVC	-	-	yes		J4
	SANTO-PRENE	steel wire		-	-	yes		J5
	PU	PVC and copper wire		-	-	yes		J6



# ASPIREX

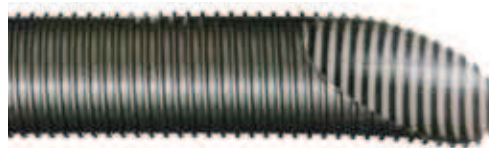
*Suitable for suction of air, dust, fumes, saw-dust and wood-shavings. Also suitable for centralized suction equipment in wood, textile, china and welding equipment. It is also suitable for use on agricultural machinery.*

## Hose Construction

Flexible hose having a grey, rigid PVC spiral embedded in a metalized grey, flexible PVC wall. Externally corrugated, smooth inner surface. Self-extinguishing according to UL 94 Class V2.

## Temperature Range






-15 °C (+5 °F) to +60 °C (+140 °F)



- Self-extinguishing hose
- General purpose hose
- Not to be used under pressure
- Vacuum 0.75 bar for ID up to 50 mm then 0.40 bar

## Tolerances

Refer to Technical Handbook on page TH34

Part Number								in Stock
	I.D. (mm)	Wall (mm)	MPa	psi	bar			
IH35560020/50	20	2.6	–	–	–	0.14	20	Y
IH35560025/50	25	2.9	–	–	–	0.18	25	Y
IH35562032/50	32	3.3	–	–	–	0.27	32	Y
IH35560040/50	40	3.9	–	–	–	0.36	40	Y
IH35560050/50	50	4.2	–	–	–	0.52	50	Y
IH35560060/50	60	4.4	–	–	–	0.64	60	Y
IH35560070/50	70	4.8	–	–	–	0.76	70	Y
IH35560080/50	80	5.0	–	–	–	0.97	80	Y
IH35560100/30	100	5.3	–	–	–	1.27	100	Y
IH35560120/30	120	5.6	–	–	–	1.58	120	Y
IH35560150/30	150	5.9	–	–	–	2.15	150	Y
IH35562160/30	160	6.1	–	–	–	2.28	160	N
IH35560200/15	200	7.0	–	–	–	2.95	200	Y
IH35560250/15	250	8.0	–	–	–	4.00	250	N

ASPIREX I.D. mm - SELF-EXTINGUISHING UL 94 V2 PARKER



## ASPIREX 140°

Suction hose for: air, smoke, vapours, exhaust gas, dust, chips, grains, pellets.

Good resistance to acids and lyes, resistant also to polychloroprene (CR), against hydrocarbons, oils. Very good resistance also to abrasion, atmospheric and ageing conditions. Oil resistant as per ASTM D 2000.

Recommendation: the hose has to be used in static conditions and not in dynamic conditions.

### Hose Construction

Black hose in Santoprene with an integrated steel spiral.

### Temperature Range

-25 °C (-13 °F) to +125 °C (+257 °F),

With peaks up to +140 °C (+284 °F) for a short period



- Multiple media suction hose
- Oil resistant according ASTM D 2000
- Designed for high temperature application
- Not to be used under pressure
- Vacuum 0.3 bar for ID up to 50 mm then 0.25 bar

### Tolerances

Refer to Technical Handbook on page TH34

Part Number	I.D. (mm)	Wall (mm)	Working Pressure			Weight kg/m	min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH35579040/30	40	46	–	–	–	0.20	46	N
IH35579050/30	50	56	–	–	–	0.28	56	N
IH35579063/30	63	69	–	–	–	0.34	69	N
IH35579080/30	80	87	–	–	–	0.48	87	N
IH35579090/30	90	97	–	–	–	0.52	97	N
IH35579100/30	100	107	–	–	–	0.66	107	N
IH35579110/30	110	117	–	–	–	0.72	117	N
IH35579125/30	125	132	–	–	–	0.80	132	N
IH35579150/30	150	157	–	–	–	1.10	157	N



# ASPIREX PU/ANC

*Suitable for suction of warm air, abrasion dust, warm fumes, saw-dust, wood-shavings, cement, cereal grains, sugar, and other granules.*

## Hose Construction

PU transparent and antistatic hose having a grey, rigid PVC spiral, resistant to crush, abrasion and ozone, with antistatic 9 wires copper cord.

Food and beverage – The polyurethane used is in conformity to:

- F.D.A. – CFR 21  
parts 175, 105, 177, 1680, 177, 2600;
- CEE  
82/711, 85/572, 89/109, 90/128,  
92/30, 93/8, 95/3, 98/11

## Temperature Range






-25 °C (-13 °F) to +85 °C (+185 °F)



- In conformity with FDA title 21 and multiple EC specs
- Strong abrasion resistance
- Not to be used under pressure
- Vacuum 0.5 bar for ID up to 32 mm then 0.40 bar

## Tolerances

Refer to Technical Handbook on page TH34

Part Number	 I.D. (mm)	 Wall (mm)	 Working Pressure			 Weight kg/m	 min. Bend Radius mm	in Stock
			MPa	psi	bar			
IH35576038/20	38	44.6	–	–	–	0.23	45	N
IH35576050/20	50	57.0	–	–	–	0.31	57	Y
IH35576060/20	60	67.4	–	–	–	0.39	67	Y
IH35576080/20	80	89.0	–	–	–	0.61	89	Y
IH35576102/20	102	112.4	–	–	–	0.84	112	Y