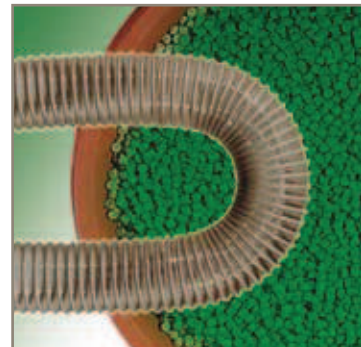


aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Ducting Hoses



ENGINEERING YOUR SUCCESS.



▶ **General Purpose**



ASPIREX

Suitable for suction of air, dust, fumes, sawdust and wood-shavings.
Also suitable for centralised suction equipment.



FLEXIREX

Suitable for air conditioning units and centralised suction equipment for air,
dust, fumes and saw-dust.

▶ **Abrasive**



ASPIREX PU/ANC

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



ASPIREX PU/R

Suitable for suction of dust, saw-dust, textile fibres, grains.

▶ **High Temperature**



ASPIREX 140 °C

Suitable for suction of air, dust, fumes, exhaust gas with traces of oil,
up to 140 °C, with peaks up to 150 °C.

K – Ducting Hose

General Purpose

- ASPIREX ▶ K4
- FLEXIREX ▶ K5

Abrasive

- ASPIREX PU/ANC ▶ K6
- ASPIREX PU/R ▶ K7

High Temperature

- ASPIREX 140 °C ▶ K8



ASPIREX

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.



Applications

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.

Temperature Range

-15 °C (+5 °F) to +60 °C (+140 °F)

Suction

≤ I.D. 50 mm:	0,75 bar (550 mm Hg)
I.D. 51 mm - I.D. 102 mm:	0,40 bar (300 mm Hg)
> I.D. 102mm:	light suction






Tolerances

On inside diameter:	± 4 %
On wall thickness:	± 0,50 mm
Length tolerance:	± 1 %

All other technical data are subject to a ± 5 % tolerance.

Burst Pressure

Suitable only for suction

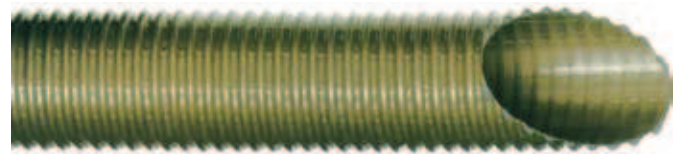
IHXXXXXXXXXX Part Number/ Standard Length m	 I.D. mm	 Wall Thickness mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35562019/50	19	2,1	–	–	–	0,13	19
IH35560020/50	20	2,6	–	–	–	0,14	20
IH35560025/50	25	2,9	–	–	–	0,18	25
IH35560030/50	30	3,1	–	–	–	0,25	30
IH35562032/50	32	3,3	–	–	–	0,27	32
IH35560035/50	35	3,6	–	–	–	0,30	35
IH35562038/50	38	3,6	–	–	–	0,34	38
IH35560040/50	40	3,9	–	–	–	0,36	40
IH35560045/50	45	4,2	–	–	–	0,42	45
IH35560050/50	50	4,2	–	–	–	0,52	50
IH35562051/50	51	4,2	–	–	–	0,52	51
IH35560060/50	60	4,4	–	–	–	0,64	60
IH35561063/50	63,5	4,6	–	–	–	0,68	63,5
IH35560070/50	70	4,8	–	–	–	0,76	70
IH35562075/50	75	5,0	–	–	–	0,85	75
IH35562076/50	76	5,0	–	–	–	0,85	76
IH35560080/50	80	5,0	–	–	–	0,97	80
IH35560090/30	90	5,3	–	–	–	1,12	90
IH35560100/30	100	5,3	–	–	–	1,27	100
IH35562102/30	102	5,3	–	–	–	1,27	102
IH35561110/30	110	5,3	–	–	–	1,44	110
IH35560120/30	120	5,6	–	–	–	1,58	120
IH35562125/30	125	5,6	–	–	–	1,70	125
IH35560130/30	130	5,7	–	–	–	1,77	130
IH35560140/30	140	5,8	–	–	–	2,04	140
IH35560150/30	150	5,9	–	–	–	2,15	150
IH35562160/30	160	6,1	–	–	–	2,28	160
IH35560200/15	200	7,0	–	–	–	2,95	200
IH35560250/15	250	8,0	–	–	–	4,00	250

ASPIREX I.D. mm - SELF EXTINGUISHER UL 94 V2 - Parker ITR

FLEXIREX

Hose Construction

Flexible hose having an off-white, rigid PVC spiral embedded in an olive green, flexible PVC wall. Externally corrugated, smooth inner surface.



Applications

For suction of air, dust, fumes, saw-dust. It is also suitable for air-dust, air-conditioning units and centralised suction equipment in wood-processing and varnishing factories.

Temperature Range

-15 °C (+5 °F) to +60 °C (+140 °F)

Suction






≤ I.D. 50 mm: 0,75 bar (550 mm Hg)
 I.D. 51 mm - I.D. 100 mm: 0,40 bar (300 mm Hg)
 > I.D. 100 mm: light suction

Tolerances

On inside diameter: ± 4 %
On wall thickness: ± 0,50 mm
Length tolerance: ± 1 %
 All other technical data are subject to a ± 5 % tolerance.

Burst Pressure

Suitable only for suction

IHXXXXXXXX/XX Part Number/ Standard Length m	 I.D. mm	 Wall Thickness mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35510019/50	19	2,1	-	-	-	0,12	19
IH35510020/50	20	2,1	-	-	-	0,12	20
IH35510025/50	25	2,5	-	-	-	0,14	25
IH35510030/50	30	2,7	-	-	-	0,20	30
IH35510032/50	32	2,7	-	-	-	0,22	32
IH35510035/50	35	2,7	-	-	-	0,24	35
IH35510038/50	38	2,7	-	-	-	0,27	38
IH35510040/50	40	2,7	-	-	-	0,28	40
IH35510045/50	45	3,1	-	-	-	0,34	45
IH35510050/50	50	3,3	-	-	-	0,40	50
IH35510060/50	60	3,8	-	-	-	0,58	60
IH35510063/50	63,5	3,8	-	-	-	0,60	63,5
IH35510070/50	70	4,0	-	-	-	0,70	70
IH35510075/50	75	4,3	-	-	-	0,80	75
IH35510076/50	76	4,3	-	-	-	0,80	76
IH35510080/50	80	4,3	-	-	-	0,86	80
IH35510090/30	90	4,3	-	-	-	0,90	90
IH35510100/30	100	4,4	-	-	-	1,06	100
IH35510120/30	120	5,2	-	-	-	1,35	120
IH35510125/30	125	5,2	-	-	-	1,40	125
IH35510130/30	130	5,2	-	-	-	1,60	130
IH35510140/30	140	5,2	-	-	-	1,77	140
IH35510150/30	150	5,4	-	-	-	1,90	150
IH35510200/15	200	6,4	-	-	-	2,76	200

FLEXIREX I.D. mm Parker ITR



ASPIREX PU/ANC

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

Applications

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

Temperature Range

-25 °C (-13 °F) to +85 °C (+185 °F)



Suction

≤ I.D. 32 mm:	0,50 bar (365 mm Hg)
I.D. 35 mm - I.D. 102 mm:	0,40 bar (300 mm Hg)
> I.D. 102 mm:	0,30 bar (220 mm Hg)

Tolerances






On inside /outside diameter and on weight: ± 4 %

Length tolerance: ± 1 %

All other technical data are subject to a ± 5 % tolerance.

Burst Pressure

Suitable only for suction

IHXXXXXXXXXX Part Number/ Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35576020/20	20	25	–	–	–	0,10	25
IH35576025/20	25	30,4	–	–	–	0,15	30
IH35576030/20	30	36	–	–	–	0,19	36
IH35576032/20	32	38	–	–	–	0,20	38
IH35576035/20	35	41,4	–	–	–	0,22	41
IH35576038/20	38	44,6	–	–	–	0,23	45
IH35576040/20	40	46,6	–	–	–	0,25	47
IH35576045/20	45	51,8	–	–	–	0,28	52
IH35576050/20	50	57	–	–	–	0,31	57
IH35576051/20	51	58	–	–	–	0,32	58
IH35576055/20	55	62,2	–	–	–	0,35	62
IH35576060/20	60	67,4	–	–	–	0,39	67
IH35576063/20	63	70,6	–	–	–	0,43	71
IH35576070/20	70	78,4	–	–	–	0,50	78
IH35576075/20	75	83,8	–	–	–	0,55	84
IH35576076/20	76	84,8	–	–	–	0,56	85
IH35576080/20	80	89	–	–	–	0,61	89
IH35576090/20	90	99,4	–	–	–	0,72	99
IH35576100/20	100	110,4	–	–	–	0,82	110
IH35576102/20	102	112,4	–	–	–	0,84	112
IH35576110/20	110	120,4	–	–	–	0,89	120
IH35576120/20	120	131	–	–	–	0,95	131
IH35576127/20	127	138,6	–	–	–	1,02	139
IH35576130/20	130	142	–	–	–	1,10	142
IH35576140/20	140	152,4	–	–	–	1,23	152
IH35576150/20	150	162,8	–	–	–	1,37	163
IH35576152/20	152	164,8	–	–	–	1,38	165
IH35576160/10	160	173	–	–	–	1,55	173
IH35576180/10	180	193,4	–	–	–	1,95	193
IH35576200/10	200	213,6	–	–	–	2,10	214
IH35576203/10	203	217	–	–	–	2,15	217
IH35576250/10	250	–	–	–	–	3,00	265
IH35576300/10	300	–	–	–	–	3,60	315

ASPIREX PU/ANC I.D. mm Parker ITR

ASPIREX PU/R

Hose Construction

Very light and flexible hose with a transparent PU layer reinforced with a coppered steel spiral. Smooth, lightly waved inside wall causing less pressure loss.

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



Applications

Suction and air hose for: ventilation, smoke, dust, textile fibre.

Good resistance against abrasion, oils and grease as well as atmospheric conditions.

Temperature Range

-40 °C (-40 °F) to +90 °C (+194 °F)

Suction

- ≤ I.D. 63 mm: 0,30 bar (220 mm Hg)
- I.D. 70 mm - I.D. 127 mm: 0,25 bar (185 mm Hg)
- > I.D. 127 mm: light suction

Tolerances

On inside / outside diameter






and on weight: ± 4 %

Length tolerance: ± 1 %

All other technical data are subject to a ± 5 % tolerance.

Burst Pressure

Suitable only for suction.

Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35575025/20	25	–	–	–	–	0,18	30
IH35575030/20	30	–	–	–	–	0,20	36
IH35575032/20	32	–	–	–	–	0,22	38
IH35575038/20	38	–	–	–	–	0,25	45
IH35575040/20	40	–	–	–	–	0,27	47
IH35575045/20	45	–	–	–	–	0,30	52
IH35575050/20	50	–	–	–	–	0,35	57
IH35575051/20	51	–	–	–	–	0,35	58
IH35575060/20	60	–	–	–	–	0,45	67
IH35575063/20	63	–	–	–	–	0,46	71
IH35575070/20	70	–	–	–	–	0,49	78
IH35575075/20	75	–	–	–	–	0,53	84
IH35575076/20	76	–	–	–	–	0,53	85
IH35575080/20	80	–	–	–	–	0,55	89
IH35575090/20	90	–	–	–	–	0,61	99
IH35575100/20	100	–	–	–	–	0,70	110
IH35575110/20	110	–	–	–	–	0,80	120
IH35575120/20	120	–	–	–	–	1,00	131
IH35575127/20	127	–	–	–	–	1,10	139
IH35575130/20	130	–	–	–	–	1,15	142
IH35575140/20	140	–	–	–	–	1,15	152
IH35575150/20	150	–	–	–	–	1,20	165
IH35575152/20	152	–	–	–	–	1,20	165
IH35575160/10	160	–	–	–	–	1,30	173
IH35575180/10	180	–	–	–	–	1,35	193
IH35575200/10	200	–	–	–	–	1,50	217
IH35575203/10	203	–	–	–	–	1,50	217
IH35575250/10	250	–	–	–	–	2,20	265
IH35575300/10	300	–	–	–	–	2,60	315

ASPIREX PU/R I.D. mm Parker ITR



ASPIREX 140 °C

Hose Construction

Black hose in Santoprene with an integrated steel spiral.

Applications

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.

Temperature Range

-40 °C (-40 °F) to +140 °C (+284 °F),
For short duration up to +150 °C (+302 °F)



Suction

≤ I.D. 50 mm:	0,30 bar (220 mm Hg)
I.D. 60 mm - I.D. 120 mm:	0,25 bar (185 mm Hg)
> I.D. 120 mm:	light suction

Tolerances






On inside / outside diameter: ± 4 %

Length tolerance: ± 1 %

All other technical data are subject to a ± 5 % tolerance.

Burst Pressure

Suitable only for suction

IHXXXXXXXXXX Part Number/ Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar		
IH35579040/30	40	46	–	–	–	0,20	46
IH35579045/30	45	51	–	–	–	0,23	51
IH35579050/30	50	56	–	–	–	0,28	56
IH35579060/30	60	66	–	–	–	0,32	66
IH35579063/30	63	69	–	–	–	0,34	69
IH35579070/30	70	77	–	–	–	0,42	77
IH35579075/30	75	82	–	–	–	0,44	82
IH35579080/30	80	87	–	–	–	0,48	87
IH35579090/30	90	97	–	–	–	0,52	97
IH35579100/30	100	107	–	–	–	0,66	107
IH35579110/30	110	117	–	–	–	0,72	117
IH35579120/30	120	127	–	–	–	0,78	127
IH35579125/30	125	132	–	–	–	0,80	132
IH35579130/30	130	137	–	–	–	0,84	137
IH35579140/30	140	147	–	–	–	0,90	147
IH35579150/30	150	157	–	–	–	1,10	157
IH35579160/30	160	167	–	–	–	1,16	167
IH35579170/30	170	177	–	–	–	1,24	177
IH35579180/30	180	187	–	–	–	1,30	187
IH35579200/30	200	207	–	–	–	1,44	207
IH35579250/15	250	259	–	–	–	1,85	259
IH35579300/15	300	309	–	–	–	2,20	309