

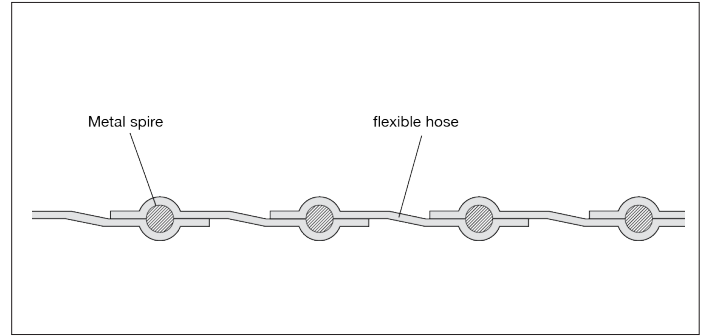
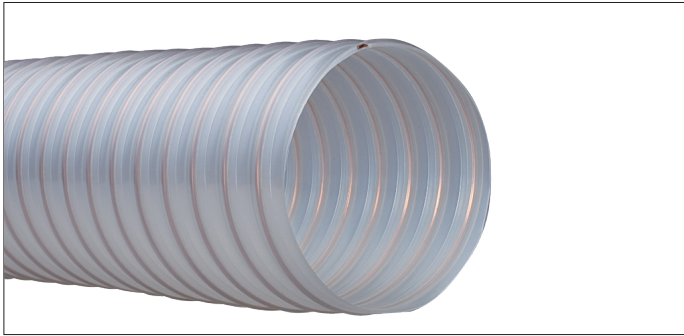
Flexible hoses

Polyurethane hoses

PVC hoses

Special hoses

Flexible hose FAAA - Fairflex "M" multipurpose PU



Flexible hose FAAA Fairflex "M"

Light and very flexible multipurpose spiral polyurethane hoses with spring steel spiral.

The use of a hose reduction or hose connector with a hose ring is highly recommended to connect to the installation.

Application

- For the suction of air and dust, cement dust, wood chips, etc.
- Oil- and benzene fumes
- Especially suited for food and pharmaceutical industries

Material

Polyether-polyurethane

Color

Transparent

Standard lengths

3, 6 and 10 meters
(minimum 3 Meters)

Temperature range

-40 °C up to +100 °C

Packaging

- Compressed in nets

Properties

- Permanently antistatic according to TRGS 727, $R < 10^8 \Omega/\text{cm}$
- Flame retardant according to DIN 4102 B1
- Microbe resistant
- Hydrolysis resistant
- Excellent flexibility
- UV resistant
- High wear resistance, 10x stronger than PVC
- Easily compressible (85%)

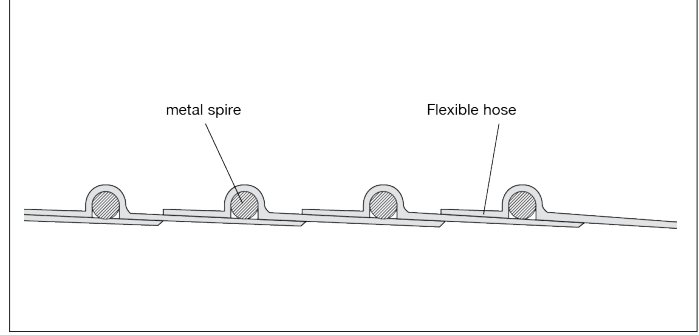
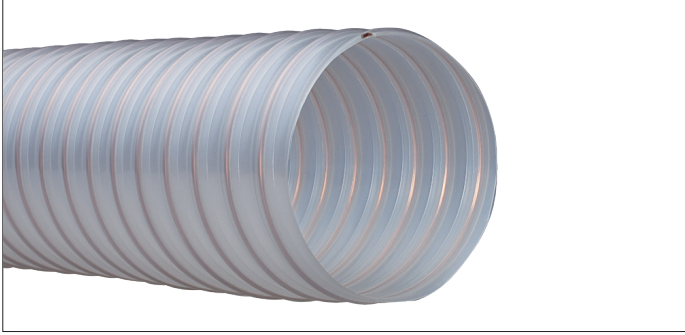
Options

- Imprint of company brand possible
- Other diameters
- Other color
- Other lengths (as of 3m)



Ø	Code			Thickness mm	Bend radius mm	Work pressure Max. (Bar)	Vacuum Max. (Bar)	Weight kg/m
	3 m	6 m	10 m					
38	FAAA000001	FAAA000002	FAAA000003	0.40	28	0.50	0.25	0.23
50	FAAA000004	FAAA000005	FAAA000006	0.40	35	0.40	0.20	0.29
60	FAAA000007	FAAA000008	FAAA000009	0.40	42	0.40	0.16	0.34
63	FAAA000010	FAAA000011	FAAA000012	0.40	44	0.68	0.15	0.35
70	FAAA000013	FAAA000014	FAAA000015	0.40	49	0.35	0.14	0.40
76	FAAA000016	FAAA000017	FAAA000018	0.40	53	0.30	0.10	0.43
80	FAAA000019	FAAA000020	FAAA000021	0.40	56	0.27	0.10	0.46
100	FAAA000022	FAAA000023	FAAA000024	0.40	70	0.20	0.09	0.52
120	FAAA000025	FAAA000026	FAAA000027	0.40	88	0.20	0.08	0.61
125	FAAA000070	FAAA000071	FAAA000072	0.40	90	0.20	0.08	0.63
140	FAAA000028	FAAA000029	FAAA000030	0.40	92	0.15	0.06	0.66
150	FAAA000031	FAAA000032	FAAA000033	0.40	105	0.10	0.06	0.78
160	FAAA000034	FAAA000035	FAAA000036	0.40	112	0.09	0.05	0.85
180	FAAA000037	FAAA000038	FAAA000039	0.40	128	0.09	0.05	0.95
200	FAAA000040	FAAA000041	FAAA000042	0.40	140	0.08	0.04	1.02
225	FAAA000043	FAAA000044	FAAA000045	0.40	200	0.06	0.04	1.20
250	FAAA000046	FAAA000047	FAAA000048	0.40	205	0.05	0.03	1.28
275	FAAA000049	FAAA000050	FAAA000051	0.40	208	0.04	0.03	1.41
300	FAAA000052	FAAA000053	FAAA000054	0.40	210	0.03	0.03	1.54
315	FAAA000055	FAAA000056	FAAA000057	0.40	222	0.02	0.02	1.64
350	FAAA000058	FAAA000059	FAAA000060	0.40	245	0.02	0.02	1.80
400	FAAA000061	FAAA000062	FAAA000063	0.40	280	0.02	0.02	2.05
450	FAAA000064	FAAA000065	FAAA000066	0.40	325	0.01	0.01	2.31
500	FAAA000067	FAAA000068	FAAA000069	0.40	350	0.01	0.01	2.56
600	FAAA000073	FAAA000074	FAAA000075	0.40	400	0.01	0.01	4.60
700	FAAA000076	FAAA000077	FAAA000078	0.40	495	0.01	0.01	5.44

Flexible hose FAAB - Fairflex "R" multipurpose PU



Flexible hose FAAB Fairflex "R"

Light and very flexible spiral polyurethane hoses with spring steel spiral.

The use of a hose reduction or hose connector with a hose ring is highly recommended to connect to the installation.

Application

- For the suction and transport of light weight material (grains, dust, wood chips and fibers) in food, paper, wood and textile industries
- Perfectly suited for the suction on machinery for the wood treatment

Material

Polyether-polyurethane

Color

Transparent

Standard lengths

3, 6 and 10 meters
(minimum 3 Meters)

Temperature range

-40 °C up to +100 °C

Packaging

- In rolls

Properties

- Permanently antistatic according to TRGS 727, $R < 10^8 \Omega/cm$
- Flame retardant according to DIN 4102 B1
- Microbe resistant
- Hydrolysis resistant
- Excellent flexibility
- UV resistant
- High wear resistance, 10x stronger than PVC
- Excellent resistance to oil- and benzene fumes

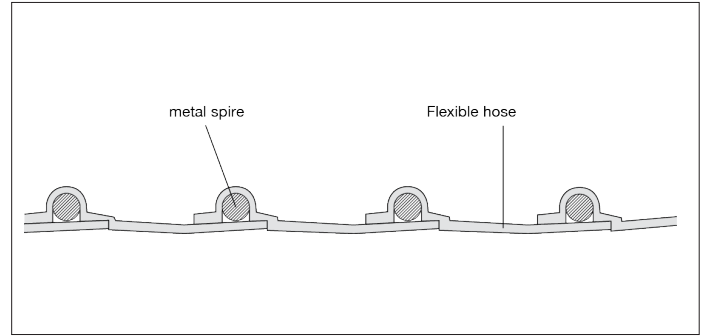
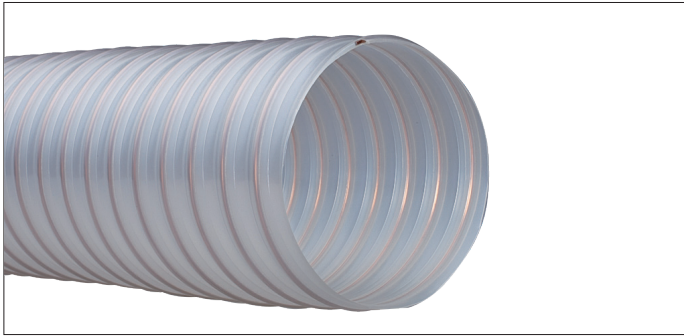
Options

- Imprint of company brand possible
- Other diameters
- Other color
- Other lengths (as of 3m)



Ø	Code			Thickness mm	Bend radius mm	Work pressure Max. (Bar)	Vacuum Max. (Bar)	Weight kg/m
	3 m	6 m	10 m					
38	FAAB00001	FAAB00002	FAAB00003	0.60	38	1.40	0.30	0.25
50	FAAB00004	FAAB00005	FAAB00006	0.60	50	1.30	0.28	0.31
60	FAAB00007	FAAB00008	FAAB00009	0.60	60	1.10	0.25	0.52
63	FAAB00010	FAAB00011	FAAB00012	0.60	63	1.10	0.25	0.52
70	FAAB00013	FAAB00014	FAAB00015	0.60	70	0.90	0.22	0.58
76	FAAB00016	FAAB00017	FAAB00018	0.60	76	0.80	0.20	0.65
80	FAAB00019	FAAB00020	FAAB00021	0.60	80	0.80	0.20	0.68
100	FAAB00022	FAAB00023	FAAB00024	0.60	100	0.60	0.15	0.83
120	FAAB00025	FAAB00026	FAAB00027	0.60	120	0.45	0.14	0.95
125	FAAB00064	FAAB00065	FAAB00066	0.60	125	0.40	0.12	1.03
140	FAAB00028	FAAB00029	FAAB00030	0.60	140	0.30	0.12	1.12
150	FAAB00031	FAAB00032	FAAB00033	0.60	150	0.25	0.10	1.24
160	FAAB00034	FAAB00035	FAAB00036	0.60	160	0.22	0.10	1.25
180	FAAB00037	FAAB00038	FAAB00039	0.60	180	0.22	0.10	1.51
200	FAAB00040	FAAB00041	FAAB00042	0.60	200	0.20	0.09	1.68
225	FAAB00043	FAAB00044	FAAB00045	0.60	225	0.15	0.09	1.90
250	FAAB00046	FAAB00047	FAAB00048	0.60	250	0.15	0.08	1.97
275	FAAB00049	FAAB00050	FAAB00051	0.60	275	0.15	0.06	2.17
300	FAAB00052	FAAB00053	FAAB00054	0.60	300	0.12	0.06	2.36
315	FAAB00055	FAAB00056	FAAB00057	0.60	315	0.10	0.04	2.50
350	FAAB00058	FAAB00059	FAAB00060	0.60	350	0.10	0.04	2.75
400	FAAB00061	FAAB00062	FAAB00063	0.60	400	0.08	0.02	3.14
450	FAAB00067	FAAB00068	FAAB00069	0.60	450	0.04	0.01	3.55
500	FAAB00070	FAAB00071	FAAB00072	0.60	500	0.02	0.01	3.94

Flexible hose FAAC - Fairflex "S" multipurpose PU



Flexible hose FAAC Fairflex "S"

Heavy duty flexible spiral polyurethane hoses with spring metal spiral.

The use of a hose reduction or hose connector with a hose ring is highly recommended to connect to the installation.

Application

- For the suction of abrasive dusts in the wood, metal and plastic industries
- For the transport of granules

Material

Polyether-polyurethane

Color

Transparent

Standard lengths

3, 6 and 10 meters
(minimum 3 Meters)

Temperature range

-40 °C up to +100 °C

Packaging

- In rolls

Properties

- Permanently antistatic according to TRGS 727, $R < 10^8 \Omega/\text{cm}$
- Flame retardant according to DIN 4102 B1
- Microbe resistant
- Hydrolysis resistant
- Robust construction
- Oil & UV resistant
- Very high wear resistance, 10x stronger than PVC
- Smooth inside surface

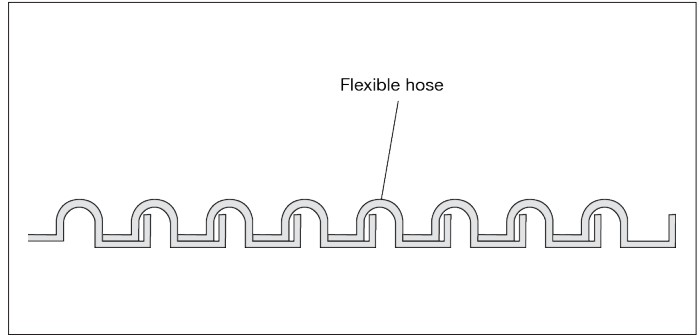
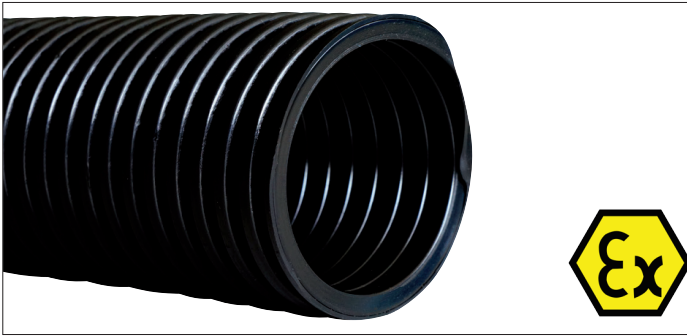
Options

- Imprint of company brand possible
- Other diameters
- Other color
- Other lengths (as of 3m)



Ø	Code			Thickness mm	Bend radius mm	Work pressure Max. (Bar)	Vacuum Max. (Bar)	Weight kg/m
	3 m	6 m	10 m					
38	FAAC000001	FAAC000002	FAAC000003	1.00	33	1.35	0.45	0.35
50	FAAC000004	FAAC000005	FAAC000006	1.00	42	1.20	0.40	0.41
60	FAAC000007	FAAC000008	FAAC000009	1.00	52	1.15	0.35	0.47
63	FAAC000010	FAAC000011	FAAC000012	1.00	53	1.15	0.35	0.49
70	FAAC000013	FAAC000014	FAAC000015	1.00	62	1.10	0.30	0.56
76	FAAC000016	FAAC000017	FAAC000018	1.00	68	1.05	0.25	0.60
80	FAAC000019	FAAC000020	FAAC000021	1.00	72	0.70	0.23	0.65
100	FAAC000022	FAAC000023	FAAC000024	1.00	93	0.65	0.20	0.95
120	FAAC000025	FAAC000026	FAAC000027	1.00	113	0.55	0.20	1.08
125	FAAC000070	FAAC000071	FAAC000071	1.00	117	0.45	0.15	1.10
140	FAAC000028	FAAC000029	FAAC000030	1.00	135	0.40	0.15	1.13
150	FAAC000031	FAAC000032	FAAC000033	1.00	145	0.35	0.12	1.25
160	FAAC000034	FAAC000035	FAAC000036	1.00	155	0.30	0.10	1.34
180	FAAC000037	FAAC000038	FAAC000039	1.00	175	0.25	0.09	1.68
200	FAAC000040	FAAC000041	FAAC000042	1.00	195	0.25	0.09	1.87
225	FAAC000043	FAAC000044	FAAC000045	1.00	219	0.22	0.09	2.11
250	FAAC000046	FAAC000047	FAAC000048	1.00	247	0.22	0.08	2.35
275	FAAC000049	FAAC000050	FAAC000051	1.00	277	0.22	0.08	2.72
300	FAAC000052	FAAC000053	FAAC000054	1.00	297	0.22	0.08	3.08
315	FAAC000055	FAAC000056	FAAC000057	1.00	297	0.22	0.08	3.24
350	FAAC000058	FAAC000059	FAAC000060	1.40	525	0.20	0.07	3.60
400	FAAC000061	FAAC000062	FAAC000063	1.40	600	0.15	0.07	4.12
450	FAAC000064	FAAC000065	FAAC000066	1.40	675	0.10	0.07	4.63
500	FAAC000067	FAAC000068	FAAC000069	1.40	750	0.05	0.06	5.15

Flexible hose FBAA - LDPE conductive



Flexible hose FBAA

The FBA flexible hose is a spiral LDPE hose (polyethylene). It is electrically conductive, with a surface resistance according to DIN 53482 <math>< 10^6 \Omega/cm</math>.

Unlike the polyurethane hose, this flexible hose has no wire spiral which means it holds its shape even when stepped on.

The use of a hose connector with a hose ring is highly recommended to connect to the installation.

Application

- Professional vacuum cleaners, industrial vacuum cleaners, industrial extraction systems, dust extractions, grinding and polish dust, industrial and welding fumes, hand tools/sanders, breathing apparatus and air vents
- Especially suited for applications in fields with high explosion risks (Ex zones)

Material

Polyethylene

Color

Black

Standard lengths

Ø38 & Ø63 : 20 meters
Ø50 : 10 & 20 meters

Temperature range

-40°C up to +60°C

Packaging

- In boxes

Properties

- Electrically conductive according to DIN 53482 <math>< 10^6 \Omega/cm</math>
- Crush resistant
- Smooth bore
- Abrasion resistant
- Excellent flexibility

Options

- Other lengths



CAEB hose connector



Hose rings & clamps

Ø	Code (20 m)	Inside Ø mm	Outside Ø mm	Bend radius mm	Work pressure Max. (Bar)	Vacuum Max. (Bar)	Weight kg/m
38	FBAA000002	38.1	48.6	76	1.0	1.0	0.51
50	FBAA000005	50.8	62.0	98	1.0	1.0	0.67
63	FBAA000009	63.5	75.0	120	1.0	1.0	0.79