

J 8-1 PU MHF FLEX HOSE



Application:

- suitable for moist workplace
- for abrasive solids such as dust, powder, fibers and chip
- for extraction arms and dust collection equipment
- for CNC machine areas

Construction:

- spring steel wire integrated in wall
- wall thickness 0.4 mm approx

Material:

- wall: ester-polyurethane
- spiral: spring steel wire

Standard Color: transparent

Properties:

- microbe and hydrolysis resistant
- food quality complied with FDA 21 CFR 177.2600
- efficient flow characteristics
- designed for wide temperature ranges
- maximum flexibility and abrasion resistance
- good resistance to UV and ozone
- small bending radius
- kink-proof
- gas and liquid tight
- excellent compressibility, compressible 3:1
- capable of electro static discharge by grounding the spiral

Specification: ø38 to ø 305 mm

Temperature Range:

- -40 °C approx. to +90 °C approx.
- short time to +125 °C approx.

ID	OD	Overpressure	Vacuum	Bending Radius	Weight	Stock Length	Order No.
mm	mm	bar	bar	mm	kg/m	m	
25	32	1.3	0.34	32	0.17	20	8-1-025-000
32	39	1.1	0.32	39	0.2	20	8-1-032-000
38	46	0.9	0.3	46	0.23	20	8-1-038-000
50	58	0.7	0.24	58	0.32	15	8-1-050-000
60	68	0.65	0.21	68	0.39	15	8-1-060-000
63	71	0.55	0.18	71	0.4	15	8-1-063-000
76	84	0.47	0.13	84	0.53	15	8-1-076-000
80	88	0.43	0.12	88	0.56	15	8-1-080-000
90	98	0.39	0.1	98	0.59	15	8-1-090-000
100	108	0.35	0.08	108	0.62	15	8-1-100-000
114	122	0.3	0.07	122	0.7	15	8-1-114-000
120	128	0.29	0.07	128	0.74	15	8-1-120-000
125	133	0.28	0.06	133	0.77	15	8-1-125-000
140	148	0.25	0.05	148	0.86	15	8-1-140-000
150	158	0.17	0.05	158	0.91	15	8-1-150-000
160	168	0.16	0.04	168	0.97	15	8-1-160-000
178	186	0.14	0.04	186	1.07	15	8-1-178-000
203	211	0.13	0.03	211	1.32	15	8-1-203-000
254	262	0.1	0.015	262	1.56	10	8-1-254-000
305	313	0.09	0.01	313	2.04	10	8-1-305-000