

Master PU L-F

PU Film Hose, light weight, highly flexible and compressible

Material

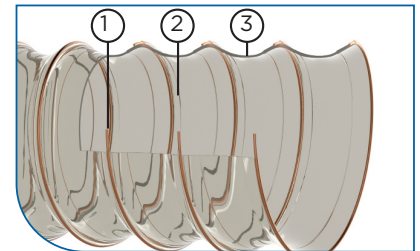
- 1 spiral: spring steel wire
- 2 wall: pure polyester polyurethane
- 3 wall thickness between spirals approx. 0.4 mm

Applications

- protective Hose against mechanical wear
- transport hose for abrasive dusts
- wood processing machines
- shavings extractions in wood processing

Properties

- halogen and plasticizer-free
- ultra lightweight & extremely flexible
- highly abrasion-resistant
- smallest bending radius
- generally good UV and ozone resistance
- gas-tight
- high tensile strength
- anti-static by bonding the reinforcing wire acc. to TRBS 2153 (Zone 1, 21) for non-flammable dust/bulksolids and gases/liquids with low conductivity of electrostatic charges when earthed at both ends of the spiral
- very light weight
- permanently kink-resistant
- solvent, oil and petroleum resistant
- symmetrical fold behavior
- compressable approx 1:5



Temperature Range

- -40°C to +90°C
- peaks to +125°C

DN	op. pressure	vacuum	bend radius	outer Ø	weight/m	old article no.	new article no.	standard length	max. production length
mm	bar	bar	mm	mm	kg			m	m
38	0.82	0.24	20	46	0.28	310L-038-x	007569-038-x	10	15
51	0.78	0.2	25	57	0.3	310L-050-x	007569-050-x	10	15
60	0.76	0.19	35	68	0.37	310L-060-x	007569-060-x	10	15
65	0.68	0.19	38	73	0.4	310L-065-x	007569-065-x	10	15
70	0.61	0.16	40	78	0.43	310L-070-x	007569-070-x	10	15
76	0.3	0.11	43	82	0.5	310L-075-x	007569-075-x	10	15
80	0.28	0.1	45	87	0.53	310L-080-x	007569-080-x	10	15
90	0.23	0.07	50	98	0.6	310L-090-x	007569-090-x	10	15
102	0.23	0.07	55	107	0.67	310L-100-x	007569-100-x	10	15
110	0.2	0.07	60	118	0.73	310L-110-x	007569-110-x	10	15
115	0.2	0.07	63	123	0.76	310L-115-x	007569-115-x	10	15
120	0.2	0.07	65	128	0.79	310L-120-x	007569-120-x	10	15
127	0.2	0.07	68	133	0.83	310L-125-x	007569-125-x	10	15
130	0.15	0.07	70	138	0.84	310L-130-x	007569-130-x	10	15
140	0.15	0.05	75	148	0.86	310L-140-x	007569-140-x	10	15
152	0.15	0.05	80	158	0.89	310L-150-x	007569-150-x	10	15
160	0.15	0.05	85	168	1.05	310L-160-x	007569-160-x	10	15
180	0.11	0.05	95	188	1.13	310L-180-x	007569-180-x	10	15
203	0.11	0.05	105	209	1.25	310L-200-x	007569-200-x	10	15
227	0.15	0.03	118	235	1.41	310L-225-x	007569-225-x	10	15
250	0.15	0.03	130	260	1.58	310L-250-x	007569-250-x	10	15
305	0.14	0.03	155	310	2.07	310L-300-x	007569-300-x	10	15
315	0.14	0.02	160	325	2.25	310L-315-x	007569-315-x	10	15
356	0.12	0.02	180	360	2.4	310L-350-x	007569-350-x	10	15
406	0.12	0.02	210	410	2.74	310L-400-x	007569-400-x	10	15

All data refers to a medium and ambient temperature of +20 °C.

* Available on request

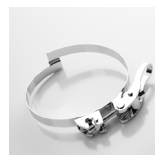
Subject to technical changes and colour deviations.



Hose Reducer, symmetrical



Hose Connector



Clip-Grip Quick-Fix Clamp



Clip-Grip Hose Clamp, screwable