

UNI E13/SUPERELASTIC

Description:

UNI E13/SUPERELASTIC hoses are manufactured of two layers of thermoplastic elastomer with intermediate yarn reinforcement and a jacketed, reinforced spring steel spiral. They are universally suitable for intermediate temperature applications. Smooth and highly flexible interior. Excellent flow specifications. Small bending radii. On request also available with injection-molded sleeves, flanges and connectors.

Applications and properties:

Highly flexible, smooth-interior hose with yarn reinforcement and jacketed spring steel spiral of thermoplastic elastomer. For ventilation, heating and cooling. Also ideal for gas, fumes, spray dust exhaust. Vibration-resistant, heavy-duty. Excellent resistance to chemicals, UV and ozone-resistant.

Temperature range:

-40°C to +130°C

Typical applications:

Ventilation, vehicle construction, oven manufacturing, chemical industry, paper industry, mechanical engineering, photography, tuning, boat building, air conditioning, UV-Dryer.



Length:

Standard length: 10 m

Datasheets

Art.-No.	Inner diameter mm	Outer diameter mm	Bending radius mm	Pressure bar	Vacuum bar
2021025	25	31	25	1,7	0,40
2021028	28	34	28	1,6	0,35
2021032	32	38	32	1,5	0,35
2021035	35	41	35	1,4	0,35
2021038	38	44	38	1,4	0,30
2021041	41	47	41	1,4	0,30
2021044	44	50	44	1,3	0,28
2021051	51	57	51	1,3	0,28
2021063	63	69	63	1,0	0,25
2021070	70	76	70	0,9	0,25
2021076	76	82	76	0,8	0,20
2021080	80	86	80	0,7	0,18
2021089	89	95	89	0,7	0,18
2021102	102	108	102	0,6	0,17
2021105	105	111	105	0,6	0,15
2021110	110	116	110	0,6	0,15
2021115	115	121	115	0,6	0,12
2021125	125	131	125	0,6	0,12
2021130	130	136	130	0,6	0,11
2021150	150	156	150	0,5	0,11
2021160	160	166	160	0,5	0,10

Other dimensions on request

Measured at +20°C ambient temperature