

HIGH-TEMPERATURE

NEO 390 TWO

Double-layered neoprene hose with increased pressure and abrasion resistance



NEO 390 TWO is the double-layered neoprene variant with increased pressure and abrasion resistance. Same temperature capacity as the ONE variant (150 C), but reinforced construction for demanding industrial hot-air applications.

Media: Gas

Temp: -40 °C to 150 °C

✓ Cut to length

APPLICATIONS

- NEO 390 TWO-typical industrial application
- Highly flexible connection
- Compressed air and media transport
- Industrial process coupling
- Continuous operation
- High flexibility in compact spaces
- Robust mechanical load

Technical specifications

Material	Neoprene (CR rubber), double-layered
Colour	black
Wall construction	Neoprene (CR rubber), double-layered with reinforcement
Spiral material	Forstaerkning
Conveying media	Gas
Temperature range	-40 °C – 150 °C
Short-term peak	150 °C
Cut to length	Yes
Manufacturer SKU	3900100

Standards and compliance

en-iso-1307, REACH, RoHS

Dimensions and ordering

The hose is supplied in 30 standard sizes from inner Ø 13.0 mm to 305.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
13	16	3	0.74	10	4	0.07	-	39000132005
19	22	3	0.73	13	5	0.11	4	39000192005
22	25	3	0.72	14	4	0.17	4	39000222005
25	30	2.8	0.71	18	4	0.19	4	39000252005
32	36	2.7	0.65	20	4	0.28	4	39000322005
38	43	2.6	0.6	24	12	0.31	4	39000382005
41	46	2.6	0.59	26	10	0.32	-	39000412005
44	49	2.6	0.58	27	4	0.32	4	39000442005
51	56	2.6	0.52	31	40	0.3	4	39000512005
57	62	2.5	0.48	34	4	0.43	4	39000572005
63	68	2.4	0.46	37	20	0.49	4	39000632005
70	75	2.1	0.44	40	4	0.54	4	39000702005
76	81	2.1	0.43	43	10	0.58	4	39000762005
80	85	2.1	0.42	45	4	0.6	4	39000802005
83	88	2.1	0.41	47	8	0.63	4	39000832005
89	94	2	0.4	50	4	0.69	4	39000892005
95	100	1.9	0.37	53	4	0.73	4	39000952005
102	107	1.9	0.35	56	12	0.77	4	39001022005
108	114	1.8	0.33	60	15	0.81	4	39001082005
114	120	1.5	0.3	63	15	0.85	4	39001142005
121	127	1.5	0.24	67	10	0.89	4	39001212005
127	133	1.4	0.23	70	6	0.93	4	39001272005
140	146	1.3	0.2	76	8	1	4	39001402005
152	158	1.2	0.17	82	10	1.2	4	39001522005
160	166	1.1	0.16	86	4	1.3	-	39001602005
165	171	1.1	0.14	89	4	1.3	-	39001652005
178	184	1	0.12	95	5	1.43	4	39001782005
203	209	0.7	0.09	108	10	1.65	4	39002032005
254	260	0.5	0.07	133	10	2.09	4	39002542005
305	311	0.5	0.07	159	10	2.61	4	39003052005

Fields without a value are not specified in the manufacturer's factsheet. Pressure values are recommended operating limits. Bend radius is measured along the inside of the hose bend.

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This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.