

Ester-based Polyurethane ducting, constant wall thickness 0.9 mm, smooth bore and flexible, very good abrasion resistance **HEAVY DUTY**

Applications

Suction of granules, abrasive powders, pellets, sawdust. Suitable to be used in plastic, woodworking, ceramic, dust extraction industries.

Technical Features

Ester based Polyurethane duct reinforced with a TPU high adhesion coated coppered steel spiral. Totally smooth inside to ensure optimization of flow properties. Constant Wall thickness of 0,9mm through all the diameter range.

Properties

Strong but light and flexible, it's suitable for heavy duty applications where a very good abrasion resistance is required, thanks to its capability of abrasion resistance of 20 mm³, which it means 50% more abrasion resistant than a conventional TPU hose.

Resistant to mineral oils, ageing, atmospherical agents, ozone and to most chemicals. Free of Halogen and Phthalates, with raw materials in accordance to REACH and conform to RoHS Regulations.

NEXT 09 is made by a special TPU that combines different properties which make the wall material permanent antistatic, resistant to UV, microbes and hydrolysis.

Standards

Free of Halogen and Phthalates, with raw materials in accordance to REACH and conform to RoHS Regulations. The hose can be antistatic according to TRB S 2153 by grounding the spiral.

Temperature range

-40°C+90°C (+125°C short time) / -40°F +194°F (+257°F short time)

Technical data							
Part number	Inside ø (mm)	Min. wall thickness (mm)	Weight (g/m)	Vacuum (mH2O)	Bending radius (mm)	Coil length (m)	Volume (m ³)
N9 01 025.4 000.0	25,4	0,90	235	5,0	30	10/20	0.075
N9 01 038.0 000.0	38,1	0,90	355	2.5	40	10/20	0.098
N9 01 040.0 000.0	40	0,90	370	2.5	40	10/20	0.103
N9 01 045.0 000.0	45	0,90	380	2.5	45	10/20	0.119
N9 01 052.0 000.0	50,8	0,90	425	2.0	50	10/20	0.139
N9 01 060.0 000.0	60	0,90	555	1.5	70	10/20	0.169
N9 01 063.0 000.0	63,5	0,90	595	1.5	70	10/20	0.186
N9 01 065.0 000.0	65	0,90	580	1.5	75	10/20	0.190
N9 01 076.0 000.0	76,2	0,90	675	1.5	90	10/20	0.239
N9 01 080.0 000.0	80	0,90	710	1.5	95	10/20	0.250
N9 01 090.0 000.0	90	0,90	795	1.5	105	10/20	0.302
N9 01 100.0 000.0	100	0,90	945	1.0	135	10/20	0.544
N9 01 102.0 000.0	102	0,90	960	1.0	135	10/20	0.554
N9 01 110.0 000.0	110	0,90	1035	1,0	145	10	0.613
N9 01 120.0 000.0	120	0,90	1140	0.7	160	10	0.685
N9 01 127.0 000.0	127	0,90	1205	0.7	210	10	0.745
N9 01 140.0 000.0	140	0,90	1230	0.5	185	10	0.841
N9 01 152.0 000.0	152,4	0,90	1470	0.5	230	10	0.941
N9 01 160.0 000.0	160	0,90	1555	0,5	250	10	0.795
N9 01 180.0 000.0	180	0,90	1635	0,3	270	10	0.937
N9 01 203.0 000.0	203	0,90	2015	0.3	300	10	1.703
N9 01 254.0 000.0	254	0,90	2885	0.2	440	10	0.690
N9 01 305.0 000.0	305	0,90	4295	0.1	530	10	0.990

