

Poliuretano Flex® HD 1.6 EST

Flexible, transparent, polyether-based polyurethane hose and an internal, antistatic, copper-plated steel spiral that is suitable for facilities governed by ATEX regulations for the suction of abrasion products.

Supplied
in rolls.

Copper-plated
steel spiral.

Transparent,
polyether-based
polyurethane.

Features

- For food use in accordance with European regulations EC 1935/2004 and EU 10/201 (see declaration of conformity).
- Highly resistant to abrasion, humidity and microorganisms.
- Good chemical resistance associated with PU's resistance chart.
- Withstands temperatures between -40°C and 90°C.
- Option of manufacture with polyester base subject to request.
- Product supplied in rolls.



INDUSTRIAL
USE



FOOD
USE



COPPER-PLATED
SPIRAL



SUCTION



MADE FROM
POLYURETHANE



ANTI-ABRASION



ANTISTATIC

Applications

- ▶ Suction of extremely abrasive content (iron, rebar, glass). Suction cleaning machinery in forests, roads, etc.
- ▶ Suction of highly abrasive food material that requires the food simulant E in OM2 conditions in accordance with Regulation EU 10/2011.

INT Ø mm	INT Ø in	FLEXIBLE THICKNESS mm	WEIGHT g/m	BENDING RADIUS mm	VACUUM m H ₂ O
45	1" 3/4	1,6	525	180	6
51	2"	1,6	560	200	6
60	2" 1/4	1,6	645	240	5
76	3"	1,6	900	305	5
80	3" 1/8	1,6	960	320	5
90	3" 1/2	1,6	1050	360	5
102	4"	1,6	1300	410	5
110	4" 5/16	1,6	1325	440	5
120	4" 3/4	1,6	1350	480	4
125	5"	1,6	1450	510	3
140	5" 1/2	1,6	1525	540	3
152	6"	1,6	1750	610	3
160	6" 1/4	1,6	1800	640	3
180	7"	1,6	2400	720	2
200	8"	1,6	2650	800	2
220	8" 3/4	1,6	3125	880	2
225	9"	1,6	3250	900	2
250	10"	1,6	3350	1000	2
300	12"	1,6	3500	1200	2

Pressure at room temperature in laboratory / Nominal values without considering manufacturing tolerances.
Depending on technical developments, specifications may be modified without advance notice being given.
Consult us for other diameters, colours and features. Ask our Sales Department about the minimum purchase amounts assigned to non-standard diameters