

# Purflex / H Medium-strength polyurethane suction/delivery hose, FDA



## Technical specifications:

It is suitable for abrasive materials, granulate, and equally usable for the food and pharmaceutical industry. The hose is flexible, odorless and tasteless, and has good resistance against oil, gasoline, and to microbes and hydrolysis.

Flame retardant according to: UL94-V2, DIN 26057 Type 3.

In case of the food industry: conveying of dry foods, e.g. rice, grains, sugar, milk powder, flour, frozen foods etc

For industrial use: conveying abrasive powders, granulate, liquids and for gases

Food grade polyurethane, complies with : FDA 21 CFR 177.2600 and 178.2010

Regulations: EG 1935/2004; EU 10/2011 cat. A, B, C, E, D2 (Food quality); 2015/174, FDA 21 CFR 177.2600 és 178.2010,

Manufacturing process GMP EC 2023/2006, confirms to RoHS guideline

The downstream is indicated by an arrow, it has to be taken into account during the installation.

**Felirat:** AIRDUC® PUR 355 FOOD (HD) - DN\* - \*gyártási szám\*

**Heat resistance:** -40°C/+90°C (for short time +125°C)

**Structure:** polyurethane, transparent, embedded steel helix, nearly smooth interior, corrugated exterior

**Wall thickness:** 1,4 mm between the spirals

**Bending radius:** 1,5 x inside Ø

Storage lots, splitting of the rolls are possible. Meantime, we hold the right of selling the stock in products.

ID	OD	Pressure (bar)	Pressure with 50% elongation (bar)	vacuum	Bending radius	Article Nr.
13	20	4,5	8,59	1	14	355-0013-1001
16	23	4,41	7,14	1	15	355-0016-1001
20	27	4,25	6,88	1	17	355-0020-1001
22	29	3,9	6,31	0,95	18	355-0022-1001
25	32	3,47	5,61	0,9	20	355-0025-1001
30	40	3,6	5,82	0,88	25	355-0030-1001
32	42	3,39	5,49	0,875	26	355-0032-1001
35	45	3,125	5,05	0,87	28	355-0035-1001

ID	OD	Pressure (bar)	Pressure with 50% elongation (bar)	vacuum	Bending radius	Article Nr.
38	48	2,895	4,68	0,865	29	355-0038-1001
40	50	2,76	4,46	0,855	30	355-0040-1001
44-45	55	2,47	3,99	0,845	33	355-0045-1001
50-51	60	2,235	3,61	0,835	35	355-0050-1001
55	65	2,045	3,3	0,79	38	355-0055-1001
60	70	1,88	3,03	0,73	40	355-0060-1001
63-65	75	1,74	2,81	0,675	43	355-0065-1001
70	81	1,62	2,61	0,605	62	355-0070-1001
75-76	86	1,515	2,45	0,555	66	355-0075-1001
80	91	1,425	2,3	0,505	69	355-0080-1001
89-90	101	1,27	2,05	0,385	76	355-0090-1001
100-102	111	1,15	1,85	0,355	83	355-0100-1001
110	121	1,045	1,69	0,325	90	355-0110-1001
114-115	126	1	1,61	0,3	94	355-0115-1001
120	131	0,96	1,55	0,28	97	355-0120-1001
125-127	136	0,925	1,49	0,265	101	355-0125-1001
130	141	0,89	1,43	0,24	104	355-0130-1001
140	151	0,825	1,33	0,215	111	355-0140-1001
150-152	161	0,77	1,24	0,18	118	355-0150-1001
160	171	0,725	1,17	0,165	125	355-0160-1001
178-180	191	0,645	1,04	0,135	139	355-0180-1001
200-203	213	0,58	0,94	0,12	156	355-0200-1001
250	263	0,465	0,75	0,075	191	355-0250-1001
300	313	0,39	0,63	0,065	226	355-0300-1001



**||| TRIÁSZ-TÖMLŐ KFT.**

