

# 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:** PURFLEX H FOOD – EU 10/2011 – FDA – 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.

Inside Ø (mm)	Vacuum (bar)	Bending radius (mm)	Pressure on 20°C (bar)	Weight (kg/m)	Roll size (m)	Article number
20	-0,91	40	3,4	0,2	15	102590
25	-0,9	45	3,47	0,28	15	100880
30	0,89	50	3,5	0,32	15	102589
32	-0,88	58	3,61	0,44	15	100881
35	-0,87	63	3,12	0,48	15	231002
38	-0,87	67	2,89	0,52	15	100882
40	-0,86	70	2,76	0,54	15	231009
45	-0,85	78	2,47	0,6	15	231018

Inside Ø (mm)	Vacuum (bar)	Bending radius (mm)	Pressure on 20°C (bar)	Weight (kg/m)	Roll size (m)	Article number
50	-0,84	85	2,23	0,66	15	100883
55	-0,8	93	2,04	0,72	15	231003
60	-0,73	100	1,88	0,78	15	100884
65	-0,67	106	1,74	0,84	15	100885
70	-0,6	132	1,62	0,98	15	231004
75	-0,55	142	1,51	1,05	15	100886
80	-0,5	149	1,42	1,11	15	100887
90	-0,38	166	1,27	1,25	15	100888
100	-0,35	183	1,15	1,49	15	100889
110	-0,32	200	1,04	1,63	15	100890
120	-0,28	217	0,96	1,77	15	100891
125	-0,26	226	0,92	1,84	15	100892
140	-0,19	240	0,79	2,11	15	999141
150	-0,18	268	0,77	2,41	15	100893
160	-0,16	285	0,72	2,56	15	100894
180	-0,13	319	0,64	2,87	15	246001
200	-0,12	356	0,58	3,12	15	100895
250	-0,07	441	0,41	3,88	15	100896
300	-0,06	526	0,39	5,16	10	100897





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