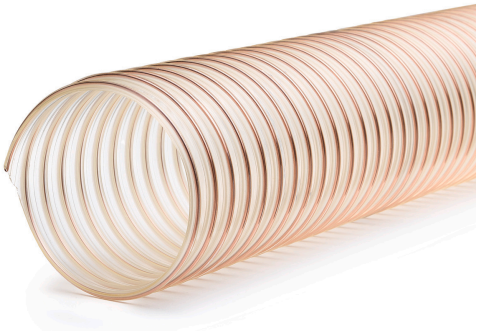
Premium Flexible Ducting

Innovative modular ducting



FOODFLEX 0.6

Light weight, very flexible, Food grade TPU/Polyether-Polyurethane

** *Replaces Foodflex*

food grade | hydrolysis resistant | microbe resistant | abrasion resistant | very smooth inside

Internal Dia. (mm)	Weight kg/m	Wall-Thickness (mm)	Bending Radius (mm)	max. Work.Press. (bar)	max. Vacuum (bar)
20	0.12	0.60	13	1.80	0.45
25	0.14	0.60	15	1.70	0.45
30	0.20	0.60	18	1.50	0.42
32	0.21	0.60	19	1.60	0.35
38	0.25	0.60	21	1.55	0.30
40	0.25	0.60	24	1.40	0.30
50	0.37	0.60	30	1.30	0.26
60	0.39	0.60	36	1.10	0.25
63	0.42	0.60	38	1.00	0.23
76	0.48	0.60	45	0.80	0.20
82	0.51	0.60	48	0.70	0.18
90	0.56	0.60	54	0.70	0.16
102	0.58	0.60	60	0.60	0.15
115	0.64	0.60	69	0.48	0.14
120	0.67	0.60	72	0.45	0.14
127	0.70	0.60	75	0.40	0.12
140	0.78	0.60	84	0.30	0.12
152	0.84	0.60	90	0.25	0.10
160	1.02	0.60	96	0.22	0.10
180	1.15	0.60	108	0.20	0.10
203	1.27	0.60	120	0.20	0.09
225	1.43	0.60	135	0.15	0.08
254	1.84	0.60	150	0.15	0.06
305	2.21	0.60	180	0.12	0.06
350	2.58	0.60	210	0.10	0.04
406	2.94	0.60	240	0.08	0.02
457	3.31	0.60	270	0.04	0.01

Material

TPU/Polyether-Polyurethane, uncoloured, steel wire/spring steel wire/not coated/copper plated

Temperature

-40°C up to 100°C
short term up to 125°C

Applications

Food production and conveying, conveying of abrasive media, dosing, extraction arms.

Properties

light weight, very good flexibility, very good abrasion resistance, corrugated outside, very smooth bore, resistant to microbes and hydrolysis
certified according to Food EU Directive (EC) No. 1935/2004 and Regulation (EC) No. 10/2011 for A, B, C, D1, D2, E, FDA standard 21 CFR 177.2600 and 178.2010, manufacturing process according to GMP EC 2023/2006