

SMOOTHFLEX X-TRA PU FDA

FDA Food grade TPU ducting reinforced with rigid anti-shock PVC Helix

- FDA food grade
- medium - heavy wall 1mm
- smooth bore
- hydrolysis and microbe resistant

MEDIUM



PROPERTIES



Structure:

Polyether-Polyurethane wall, reinforced with rigid anti-shock PVC helix

Characteristics:

Food grade version according to FDA standard 21 CFR 177.2600 and 178.2010. Microbe and hydrolysis resistant, very flexible, good abrasion resistance and standard weight. Smooth bore, with outer convolution and a 1mm wall thickness

Applications:

Suitable for transport of abrasive particles, granules in food and pharmaceutical industries, suction of waste and dust for sweepers and lawn mowers

Temperature range:

-40°C to +80°C

Colour:

Transparent, natural colour helix

Specials:

[SMOOTHFLEX X-TRA PU FOOD](#): Food grade according to EU 10/2011 & EC 1935/2004

[SMOOTHFLEX X-TRA PU IND](#): Industrial grade

SMOOTHFLEX X-TRA PU FDA FOOD ANT: With antistatic wire, FDA food grade

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
20	-	0,8	70	0,18	350	2	9-4210-020-10
25	-	0,8	88	0,23	350	2	9-4210-025-10
30	-	0,8	105	0,35	350	2	9-4210-030-10
32	-	0,8	112	0,38	300	2	9-4210-032-10
38	-	0,8	133	0,39	300	2	9-4210-035-10
40	-	0,9	140	0,39	300	2	9-4210-038-10
45	-	0,9	158	0,41	300	2	9-4210-040-10

I.D. Ø mm	O.D. Ø mm	Wall thickness mm	r (mind.) mm	Weight ca. kg/m	Vacuum mbar	Pressure bar	Part no.
51	-	1	179	0,44	250	1,5	9-4210-045-10
60	-	1	210	0,45	250	1,5	9-4210-051-10
63	-	1	221	0,54	250	1,5	9-4210-055-10
65	-	1	228	0,73	250	1,5	9-4210-060-10
70	-	1	245	0,74	250	1,5	9-4210-063-10
76	-	1	266	0,87	250	1,5	9-4210-065-10
80	-	1	280	0,89	250	1,5	9-4210-070-10
90	-	1	315	1,03	230	1,5	9-4210-076-10
102	-	1	357	1,09	220	1,3	9-4210-080-10
110	-	1	385	1,16	210	1,3	9-4210-090-10
120	-	1	420	1,32	200	1,3	9-4210-102-10
127	-	1	445	1,38	200	1,3	9-4210-110-10
130	-	1	455	1,62	180	1	9-4210-120-10
140	-	1	490	1,74	180	1	9-4210-127-10
152	-	1	532	2,39	160	1	9-4210-140-10
160	-	1	560	2,53	160	0,9	9-4210-152-10
170	-	1	595	3,23	140	0,9	9-4210-160-10
180	-	1	630	3,39	120	0,8	9-4210-180-10
203	-	1,2	711	3,57	100	0,7	9-4210-203-10
250	-	1,2	875	3,81	100	0,5	9-4210-250-10

Further diameters upon request.

State: 05.12.2023