

## FOOD GRADE



### Structure:

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

### Characteristics:

**Food grade version** according to EC 1935/2004 and EU 10/2011 Class A/B/C/D1/D2/E. **Microbe and hydrolysis resistant, very flexible, good abrasion resistance** and standard weight. **Smooth bore, with outer convolution and a wall thickness of up to 1.2mm**

### 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 / +80 °C

### Colour:

Transparent, natural colour helix

 int. mm	 mm	 mm	 mbar	 bar	 kg/m
20	0.8	70	350	2	0.18
25	0.8	88	350	2	0.23
30	0.8	105	350	2	0.35
32	0.8	112	300	2	0.38
38	0.8	133	300	2	0.39
40	0.9	140	300	2	0.39
45	0.9	158	300	2	0.41
51	1.0	179	250	1.5	0.44
60	1.0	210	250	1.5	0.45
63	1.0	221	250	1.5	0.54
65	1.0	228	250	1.5	0.73
70	1.0	245	250	1.5	0.74
76	1.0	266	250	1.5	0.87
80	1.0	280	250	1.5	0.89
90	1.0	315	230	1.5	1.03
102	1.0	357	220	1.3	1.09
110	1.0	385	210	1.3	1.16
120	1.0	420	200	1.3	1.32
127	1.0	445	200	1.3	1.38
130	1.0	455	180	1	1.62
140	1.0	490	180	1	1.74
152	1.0	532	160	1	2.39

# SMOOTHFLEX X-TRA PU FOOD (FOOD GRADE)

 int. mm	 mm	 mm	 mbar	 bar	 kg/m
160	1.0	560	160	0.9	2.53
170	1.0	595	140	0.9	3.23
180	1.0	630	120	0.8	3.39
203	1.2	711	100	0.7	3.57
250	1.2	875	100	0.5	3.81

- All technical data are subject to dimensional tolerances of  $\pm 0.5\%$ .
- All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. We reserve the right to make technical changes and color deviations.
- Further diameters upon Bulk order request