

# Master PUR LF Food

Super Lightweight, Extremely Flexible, Transparent Food & Pharmaceutical & Chemical Industry Hoses; (FDA/EU 10/2011).



food approved

## Product Details

### Construction / Material

- Type of construction: film hose with embedded support coil
- Spiral Design: made from stainless steel wire
- Material of the spiral: spring steel
- Execution of the wall: made of pure material / wall thickness between the spirals approx. 0.5 mm
- Material of the wall: Polyether Polyurethane

### Properties

#### Operating Temperature

- Temperature Range: -40 to 90 °C
- short-term maximum temperature: peaks to 125 °C

### Delivery Information

### Application Areas

### Customizing Options

## Article Variants

Extended Article Number	Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar
000383:40:x	40	46	20	0.28	0.82	0.24
000383:50:x	50	56	24	0.33	0.78	0.20
000383:51:x	51	57	25	0.34	0.78	0.20
000383:60:x	60	68	35	0.35	0.76	0.19
000383:70:x	70	78	40	0.41	0.61	0.16
000383:75:x	75	82	42	0.51	0.61	0.13
000383:76:x	76	83	43	0.53	0.61	0.13

Extended Article Number	Nominal Size (DN) mm	Outer diameter mm	Bending radius* mm	Weight kg/m	Operating pressure bar	Negative pressure bar
000383:80:x	80	88	45	0.53	0.53	0.13
000383:90:x	90	99	50	0.60	0.46	0.09
000383:100:x	100	107	54	0.68	0.46	0.09
000383:102:x	102	108	55	0.69	0.46	0.09
000383:110:x	110	119	60	0.73	0.38	0.09
000383:120:x	120	129	65	0.82	0.38	0.09
000383:125:x	125	132	68	0.84	0.38	0.09
000383:127:x	127	134	70	0.85	0.38	0.09
000383:150:x	150	157	79	1.00	0.30	0.06
000383:152:x	152	159	80	1.02	0.30	0.06
000383:160:x	160	169	85	1.23	0.30	0.06
000383:180:x	180	189	95	1.38	0.23	0.06
000383:200:x	200	207	104	1.50	0.23	0.06
000383:203:x	203	210	105	1.52	0.23	0.06
000383:250:x	250	256	128	1.64	0.15	0.03
000383:254:x	254	260	130	1.64	0.15	0.03
000383:300:x	300	310	155	1.78	0.14	0.03
000383:315:x	315	325	162	1.87	0.14	0.03
000383:350:x	350	360	180	2.44	0.12	0.03
000383:400:x	400	410	210	3.04	0.12	0.03

All data refer to a medium and ambient temperature of +25 °C  
 Specification of the bending radius related to the inside of the hose bend  
 Subject to technical changes and colour deviations

## Delivery Variants

Available in other lengths, other nominal diameters, with customer-specific customer-specific imprint.

## Disposal instructions

After use, the product must be disposed of in accordance with the legal regulations applicable in the user's region (in Germany in accordance with the applicable Waste Catalogue Ordinance (AVV)).

### Individual consultation

We offer consultation by  
 phone:  
 +49 209 97077-112

Product requests via  
[masterflex.de/en](https://www.masterflex.de/en)

### Address Headquarters

Masterflex SE  
 Willy-Brandt-Allee 300  
 45981 Gelsenkirchen

