

Food hose and pharmaceutical hose, light

Application

- flexible hose/ ducting for liquids and for powder, bulk material, granulate and for gases
- food industry, pharmaceutical industry: foodstuff, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- vacuum conveying equipment, vacuum hopper, suction conveyor, dosing system
- pelleting machines/ tablet presses
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- X-ray machine: cable protection conduit (special type on request)
- medical equipment/ medical technology, healthcare sector: cable protection conduit, air supply hose, extraction hose

Properties

- light weight
- abrasion-resistant
- Food grade wall, complies with: EU-Directive 10/2011, EC 1935/2004 and EU 2015/174
- food grade wall, complies with: FDA 21 CFR 177.2600
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- phthalate-free
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- 20°C to 70°C
- short time to 80°C

Design

- NORPLAST®full plastic hose
- hard plastic spiral integrated in wall
- spiral: rigid PVC
- smooth interior
- wall: special premium ether-polyurethane (Pre-PUR®)

Delivery variants

- further diameters and lengths available on request
- customer-specific branding

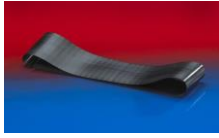
I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
- / 20	26.00	1,000	0,250	15.00	0.14	-	10 20	385-0020-1001
1 / 25	31.00	1,000	0,250	16.00	0.16	-	10 20	385-0025-1001
- / 30	36.00	0,900	0,250	22.00	0.19	20	-	385-0030-1001
1,25 / 32	38.00	0,850	0,200	19.00	0.19	20	10	385-0032-1001
1,36 / 35	41.00	0,800	0,200	24.00	0.21	-	10 20	385-0035-1001
- / 38	45.00	0,750	0,200	31.00	0.29	-	10 20	385-0038-1001
- / 40	47.00	0,750	0,200	25.00	0.25	-	10 20	385-0040-1001
1,75 / 44-45	52.00	0,650	0,200	42.50	0.31	-	10 20	385-0045-1001
2 / 50-51	58.00	0,500	0,200	35.00	0.31	-	10 20	385-0050-1001
2,36 / 60	68.00	0,500	0,160	50.00	0.50	-	10 20	385-0060-1001
2,5 / 63-65	71.00	0,450	0,160	55.00	0.57	-	10 20	385-0063-1001
- / 70	79.00	0,400	0,160	60.00	0.65	-	10 20	385-0070-1001
3 / 75-76	84.00	0,375	0,160	60.00	0.73	-	10 20	385-0075-1001
- / 80	89.00	0,350	0,160	75.00	0.76	-	10	385-0080-1001
3,5 / 89-90	100.00	0,300	0,140	65.00	0.87	-	10	385-0090-1001
4 / 100-102	110.00	0,280	0,130	100.00	1.04	-	10	385-0100-1001

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.

Accessories



CONNECT 223



CONNECT 228



CONNECT MOULD
ASSEMBLY 233



CLAMP 208



CONNECT 270-271