

SUCTION AND TRANSPORT HOSE - CRUSH-RESISTANT FOOD GRADE



MASTER-PUR STEP-FG

Material

hose wall: 100 % pure polyester polyurethane, 30% more abrasion-resistant than polyether polyurethane

spiral: Polyurethane

Applications

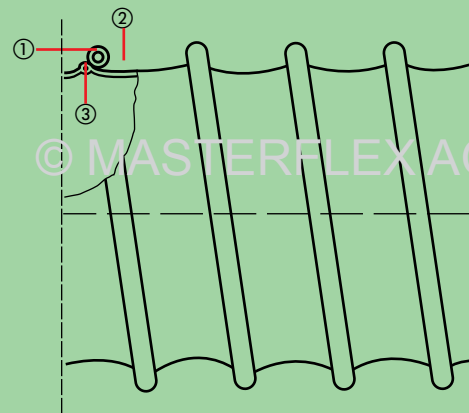
- ideally suitable as suction hoses where conventional hoses can be deformed by bad operating conditions on the floor
- dust and powder conveyance
- light food process dusting
- pharmaceutical industry

Properties

- crush resistant
- excellent resilience properties
- high resistance to mechanical load
- excellent abrasion-resistant
- super lightweight
- highly flexible
- optimum flow characteristics
- electrically conductive by grounding stainless steel wire
- hose wall (conform to FDA food contact as described in book 21, section 177.2600 and 177.1680)

Construction

- ① hollow-profile spiral
- ② hose wall: polyurethane
- ③ strand wire available on request



Temperature Range

- -22°F up to +195°F
- intermittent to +260°F

Chem. Resistance

see resistance table

Technical Data, custom designs and forms of delivery see back page



Masterduct
Member of the Masterflex-Group

MASTER-PUR STEP-FG

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Outer Dia (in.)	Weight (lbs./ft.)	Product code
2.00	345	76	2.40	2.44	0.27245	324-050-501
2.50	281	63	3.00	3.00	0.35410	324-063-501
3.00	245	52	3.00	3.48	0.40931	324-075-501
3.50	190	52	4.00	4.04	0.49030	324-090-501
4.00	185	38	4.00	4.48	0.53680	324-100-501
4.50	159	38	4.60	5.04	0.62650	324-115-501
5.00	147	38	5.00	5.52	0.68100	324-125-501
5.50	121	26	5.60	6.04	0.77165	324-140-501
6.00	121	26	6.00	6.53	0.80520	324-150-501
6.40	121	26	6.40	6.84	0.87230	324-160-501

Delivery forms:

Standard production:

- Dia. 2" - 6.4"
- Color: hose wall clear with blue spiral
- Standard lengths 25'

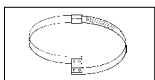
Available on request:

- special lengths up to 50'
- special diameters up to 12"
- special diameters - metric

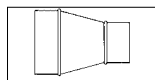
* Referring to the inner side of the elbow of hose.

The above mentioned data refers to an average and ambient temperature of 68°F. Subject to technical changes and color variations. Please refer to technical data sheet when selecting hose.

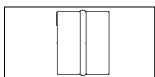
Installation and connection possibilities



CAR-GRIP special hose clamp for CARFLEX-SUPER hoses and MASTER- PUR STEP



hose reducer, symmetrical



hose connector