

FILM HOSE - FLAME AND CRUSH-RESISTANT



1.7.4

MASTER-PUR STEP-FG

Material

hose wall: 100 % pure polyester polyurethane. 30% more abrasion-resistant than polyether polyurethane
spiral: Polyurethane

Applications

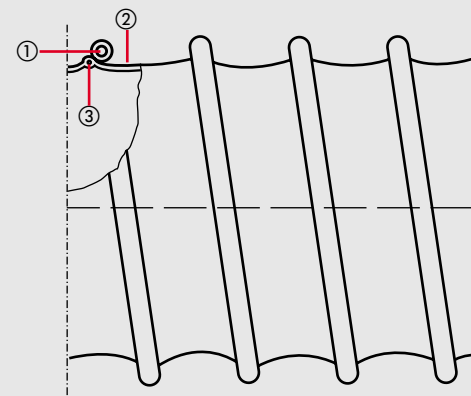
- ideally suitable as suction hoses where conventional hoses can be deformed by bad operating conditions on the floor
- dust and powder conveyance
- light food process dusting
- pharmaceutical industry

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 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



Temperature Range

- -40 °F up to +195 °F
- intermittent to +260 °F

Chem. Resistance

see resistance table section no. 15

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



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Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Outer Dia (in.)	Weight (lbs./ft.)	Product code
2.4	305	76	2.6	3.2	0.30195	324-060-501
3.0	245	52	3.0	3.8	0.40931	324-075-501
3.2	213	52	3.2	4.0	0.43615	324-080-501
4.0	185	38	4.0	4.8	0.53680	324-100-501
4.8	153	38	4.8	5.6	0.63745	324-120-501
5.6	121	26	5.6	6.4	0.77165	324-140-501
6.0	121	26	6.0	6.8	0.80520	324-150-501
6.4	121	26	6.4	7.2	0.87230	324-160-501

* 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.

Delivery forms:

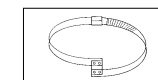
Standard production:

- Dia. 2.4" - 6.4"
- Color hose wall clear with blue spiral
- Standard lengths 25'

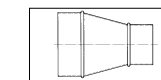
Available on request:

- special lengths
- special diameters up to 12"

Installation and connection possibilities (see section no. 11 and 12):



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



hose reducer, symmetrical



hose connector