

# SUCTION AND TRANSPORT HOSE - CRUSH-RESISTANT



## MASTER-PUR STEP

### Material

**hose wall:** 100 % pure polyester polyurethane with addition of flame protection. 30% more abrasion-resistant than polyether polyurethane

**spiral:** Polyurethane

### Applications

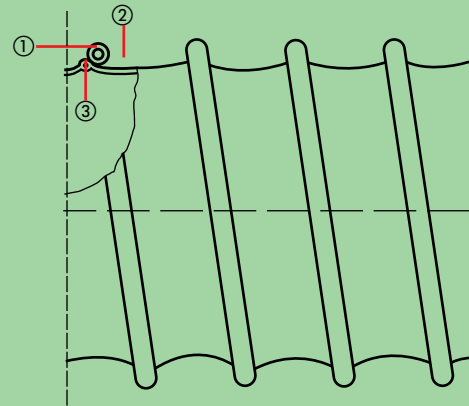
- ideally suitable as suction hoses where conventional hoses can be deformed by bad operating conditions on the floor

### Properties

- crush resistant
- excellent resilience properties
- flame resistant
- high resistance to mechanical load
- highly abrasion-resistant
- super lightweight
- highly flexible
- optimum flow characteristics
- electrically conductive by grounding stainless steel wire
- microbe resistant

### 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

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	324-050-618
2.60	281	63	3.00	3.00	0.35410	324-063-618
3.00	245	52	3.00	3.48	0.40931	324-075-618
3.60	190	52	4.00	4.04	0.49030	324-090-618
4.00	185	38	4.00	4.48	0.53680	324-100-618
4.60	159	38	4.60	5.04	0.62650	324-115-618
5.00	147	38	5.00	5.52	0.68100	324-125-618
5.60	121	26	5.60	6.04	0.77165	324-140-618
6.00	121	26	6.00	6.53	0.80520	324-150-618
6.40	121	26	6.40	6.84	0.87230	324-160-618

## Delivery forms:

### Standard production:

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

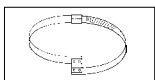
### Available on request:

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

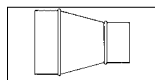
\* Referring to the inner side of the elbow of hose.

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.

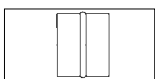
## Installation and connection possibilities:



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



hose reducer, symmetrical



hose connector