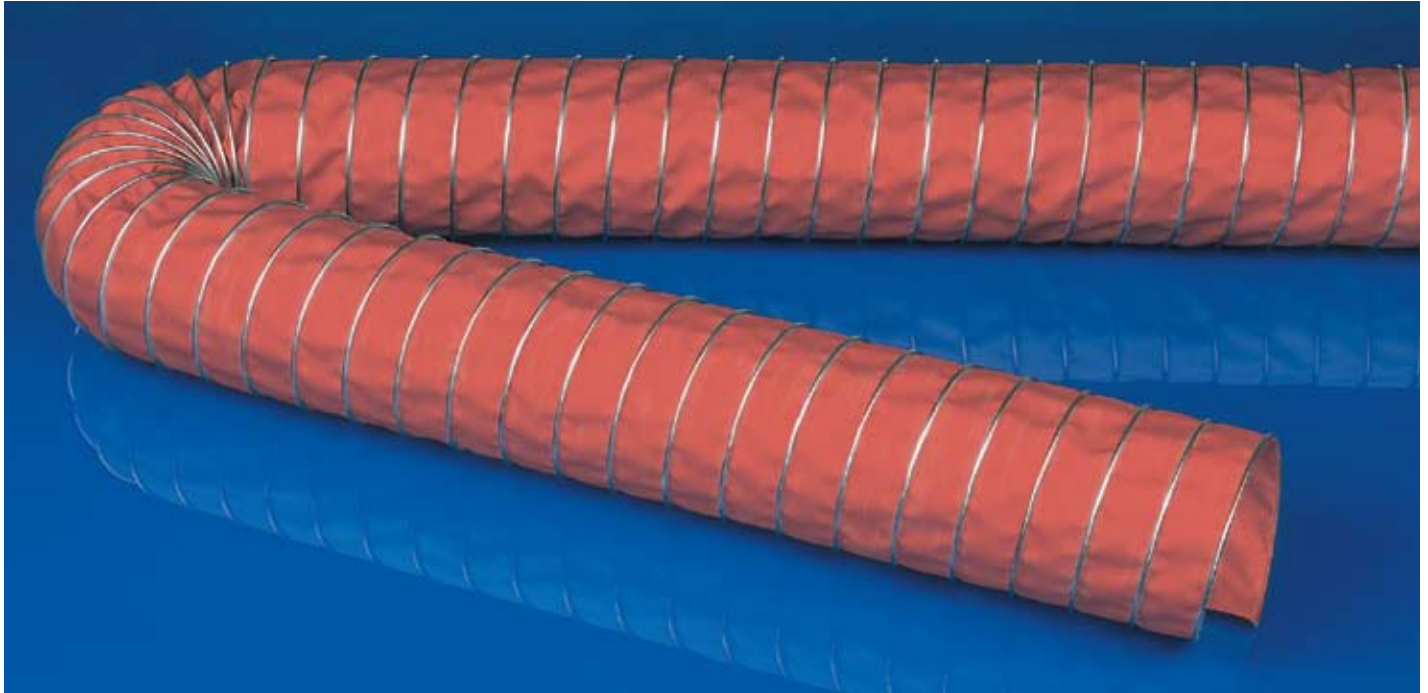


# MEDIUM AND HIGH TEMPERATURE HOSE FOR TEMPERATURES UP TO +850°F



## MASTER-CLIP HT 850

### Material

**hose wall:** high temperature silicon coated glass fabric, asbestos free

**external helix:** galvanized helix also available in stainless steel

### Applications

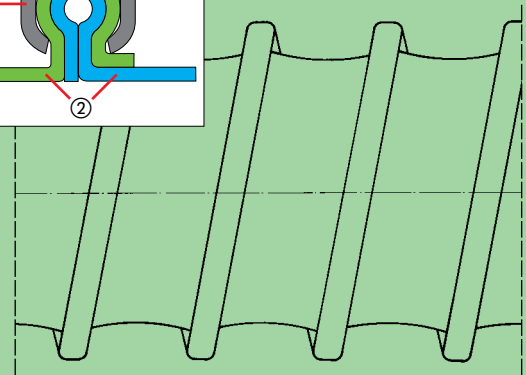
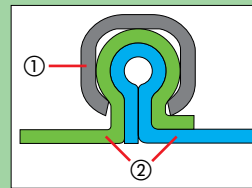
- vehicle exhaust systems
- high temp diesel exhaust
- hot air
- suction plants
- furnace construction
- iron and steel works
- engine construction
- all usual suction extraction systems such as:
  - hose reel
  - slotted channels
  - abovefloor and underfloor suction extraction

### Properties

- very high temperature resistance
- high flexibility
- extreme compressibility 1:6
- small bending radius
- improved vacuum resistance
- external steel helix protects against abrasion
- suitable for continually flexing
- does not emit airborne fibers
- special clamping method guarantees high tensile strength between hose and material and external helix
- flame resistant

### Construction

- ① external helix
- ② hose wall: high temperature silicon coated glass fabric asbestos free



### Temperature Range

- -5°F up to +850°F
- intermittent to +950°F
- When used in exhaust gas systems, gas funnels should be used properly and enough fresh air should be utilized.

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



**Masterduct**  
Member of the Masterflex-Group

# MASTER-CLIP HT 850

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
3.00	189	62	1.80	0.65	243-075-119
4.00	121	35	2.40	0.85	243-100-119
5.00	84	22	3.00	1.17	243-125-119
6.00	63	16	3.60	1.28	243-150-119
7.00	49	12	4.20	1.49	243-175-119
8.00	40	9	4.80	1.70	243-200-119
10.00	28	6	7.00	2.13	243-250-119
12.00	21	4	8.40	2.56	243-300-119
14.00	16	3	9.80	2.99	243-350-119
16.00	13	2	11.20	3.46	243-400-119

\* 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:

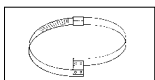
### Standard production:

- Other diameters available
- Color: red
- Production lengths 25'

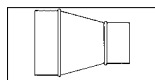
### Available on request:

- special colors
- special lengths
- custom design with other pitches and helix sizes
- external helix also in stainless steel
- special diameters - metric

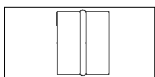
## Installation and connection possibilities:



CLIP-GRIP special hose clamp for MASTER-CLIP hoses



hose reducer, symmetrical



hose connector