

# MEDIUM AND HIGH TEMPERATURE HOSE FOR TEMPERATURES UP TO +570°F



## MASTER-CLIP ISO-CAR

### Material

**hose wall double layer:** inner layer heat resistant impregnated glass fabric, outer layer special coated high-temperature fabric  
**external helix:** galvanized steel

### Applications

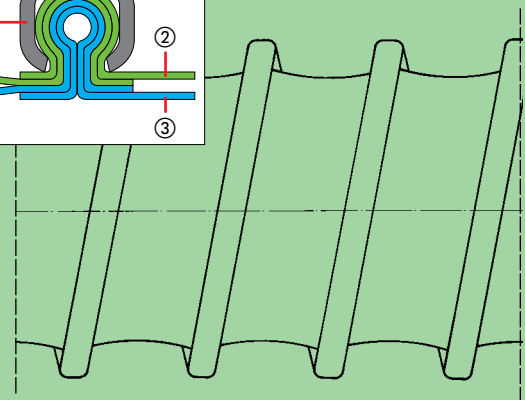
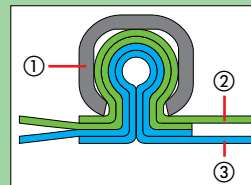
- hot air
- suction plants
- vehicle construction
- engine construction
- aircraft industries
- defense industries
- general engineering
- diesel engine test beds with raised extraction speed
- low pressure applications

### Properties

- primarily suited as suction hose
- very good temperature resistance
- flame resistant
- high resistance to mechanical loadings
- vibration resistant
- abrasion resistant
- flexible
- compressibility 1:4
- small bend radius
- good vacuum characteristics
- external steel helix protects against abrasion
- special clamping method guarantees high tensile strength between hose material and external helix

### Construction

- ① external helix hose wall:
- ② outside: special-coated high temperature fabric
- ③ inside: heat resistant impregnated glass fabric



### Temperature Range

- -75°F up to +570°F
- intermittent to +660°F

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



**Masterduct**  
Member of the Masterflex-Group

# MASTER-CLIP ISO-CAR

Dia. (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)	Product code
2.00	362	156	1.20	0.4026	226-050-120
2.50	273	105	1.56	0.5368	226-063-120
3.00	249	85	1.80	0.6710	226-075-120
3.50	225	66	2.16	0.8052	226-090-120
4.00	205	53	2.40	0.8723	226-100-120
4.40	193	44	2.64	0.8723	226-115-120
5.00	133	33	3.00	0.9394	226-125-120
5.60	100	28	3.36	1.0736	226-140-120
6.00	88	24	3.60	1.2078	226-150-120
6.40	84	22	3.84	1.2078	226-160-120
7.00	74	18	4.20	1.4091	226-175-120
8.00	59	13	5.60	1.6104	226-200-120
9.00	46	11	6.32	1.3420	226-225-120
10.00	40	9	7.00	1.4762	226-250-120
11.00	32	7	7.72	1.5433	226-275-120
12.00	28	6	8.40	1.6104	226-300-120
13.00	24	5	9.12	1.6775	226-325-120
14.00	23	5	9.80	1.9459	226-350-120
15.00	20	4	12.00	2.1472	226-375-120
16.00	19	3	12.80	2.2814	226-400-120
18.00	18	3	14.40	2.6840	226-450-120
20.00	17	2	16.00	3.0195	226-500-120
22.00	17	2	17.60	3.4221	226-550-120
24.00	16	2	19.20	3.7576	226-600-120
28.00	12	1	22.40	4.4286	226-700-120
32.00	9	1	25.60	5.0996	226-800-120
36.00	6	1	28.80	5.7706	226-900-120

## Delivery forms:

### Standard production:

- Dia. 2" - 36"
- Color: inside silver-gray  
outside green-gray
- Production lengths 25'

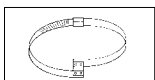
### Available on request:

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

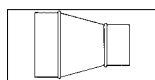
\* Referring to the inner side of the elbow of hose.

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.

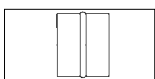
## Installation and connection possibilities:



CLIP-GRIP special hose clamp  
for MASTER-CLIP hoses



hose reducer,  
symmetrical



hose connector