

EXTERNAL HELIX HOSE FOR TEMPERATURES UP TO 1500°F



SERIES 7150

Material

Hose wall: Two-layer construction, inner and outer hose wall asbestos-free, high-temperature fabric, specially coated with heat-stabilizers, reinforced by woven in stainless steel wire
External helix: galvanized steel

Applications

- Exhaust fume extraction from high performance test beds in the motor vehicle industries
- Diesel exhaust
- Automotive manufacturing
- Aircraft manufacturing
- Shipbuilding industry
- Shipbuilding industry
- Defense industry
- General engineering
- Suction plants
- Radiant heat protection
- Primarily suited as extraction hose

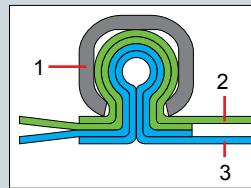
Properties

- Flame-resistant
- Very high temperature resistance
- Silicone-free
- Highly flexible
- Compressibility 1:3
- Small bend radius
- Good vacuum resistance
- External steel helix protects against abrasion
- Special clamping method guarantees high tensile strength between hose material and external helix
- To maximize life of duct and exhaust system effectiveness, it is recommended to utilize a negative pressure exhaust system and introduce ambient air at the inlet.

* Larger sizes available, consult factory for pricing.

Construction

1. External helix
2. Outer wall: special coated high temperature fabric
3. Inner wall: heat resistant fabric



Temperature Range*

- -5°F up to +1500°F
- Intermittent to +1680°F
- Small amounts of smoke maybe given off when used under positive pressure or with low extraction rates.

*Hoses used for vehicle exhaust extraction, or operating near maximum temperature, must be used within a properly designed fan system to avoid damaging the hose.

Dia (in.)	Positive (in. w.c.)	Negative (in. w.c.)	*Bending radius (in.)	Weight (lbs./ft.)
3.00	201	102	1.80	0.83
4.00	141	67	2.40	1.07
5.00	109	42	3.00	1.33
6.00	69	30	3.60	1.58
8.00	49	17	4.80	2.10
10.00	39	12	7.00	2.63
12.00	33	8	8.40	3.16
14.00	20	6	9.80	3.67
16.00	16	4	11.20	4.26
18.00	12	4	14.40	4.94

* 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.