

## EXTERNAL HELIX HOSE FOR TEMPERATURES UP TO 2010°F



### SERIES 7210

#### Material

Hose wall: Three-layer construction, asbestos-free, high-temperature fabrics, special coated with heat-stabilizers  
External helix: Stainless steel

#### Applications

- Extremely high temperatures
- Exhaust fume extraction from large engines and high performance test beds in the motor vehicle industries
- Extraction under stray sparks
- Shipbuilding industry
- Vehicle and engine construction
- Diesel exhaust
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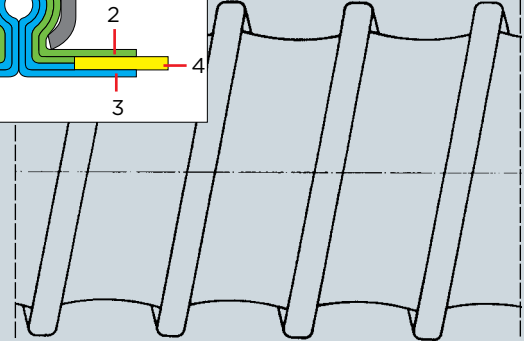
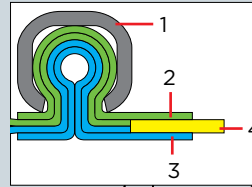
#### Properties

- Flame-resistant
- Very high temperature resistance
- Silicone-free
- Flexible
- Compressibility 1:2
- Small bend radius
- 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 layer: special coated high temperature fabric with heat stabilizers
3. Inner layer: Fine stainless steel mesh
4. Middle layer: Special insulating fabric



#### Temperature Range\*

- -75°F up to +2010°F
- Intermittent to +2370°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	122	1.80	1.00
4.00	141	81	2.40	1.29
5.00	109	50	3.00	1.60
6.00	69	37	3.60	1.93
8.00	49	20	4.80	2.57
10.00	39	14	7.00	3.20
12.00	33	9	8.40	3.85
14.00	20	7	9.80	4.49
16.00	16	6	11.20	5.25
18.00	12	4	14.40	6.15

\* 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.