

EXTERNAL HELIX HOSE FOR TEMPERATURES UP TO 1200°F



SERIES 7120

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

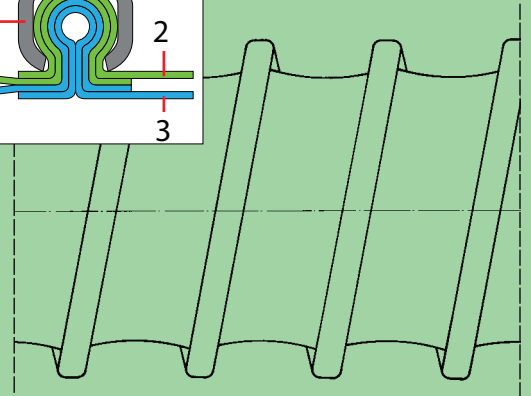
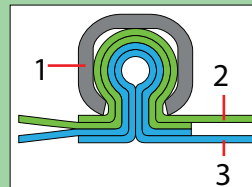
- * exhaust-fume extraction from high performance test beds in the motor vehicle industries
- * vehicle and engine construction
- * suction plants
- * shipbuilding industries
- * aircraft and defense industries
- * general engineering
- * furnace construction
- * iron and steel works
- * infrared-dryer plants
- * radiant heat protection
- * low pressure applications
- * diesel exhaust

Properties

- * very high temperature resistance
- * flame resistant: UL94, VO
- * improved vibration resistance by woven-in reinforcement
- * flexible, compressibility 1:3
- * small bend radius
- * good vacuum-resistance
- * silicone free
- * 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: and
3. inside: special-coated high temperature fabric



Temperature Range

-75°F up to +1200°F
intermittent to +1380°F

small amounts of smoke maybe given off when used under positive pressure or with low extraction rates

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

*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.