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HT FLEX HOSE - SPARK PROOF - ANTI-SPARKING

HOSES › Gas and hot smoke extraction pipes

Mastertubi.it/q?1171

Flexible hose made of PVC-coated polyester fabric on the outside and aluminized fiberglass fabric on the inside.
Reinforced with external metal spiral protected by black polyester tape.
Complete ends with smooth sleeves, reinforced with respect to the tube, without metal spiral.
Designed for the extraction of welding fumes with the presence of sparks.
Highly compressible, this hose can be supplied with end rings, eyelets, and/or suspension hooks. Upon request, it can be supplied without the metal spiral, as a flattened hose.
In case of strong suction it is available with a reduced spiral pitch.

Operating temperature: -20°C +120°C
Color: Yellow or grey outside - Aluminium inside.
Black outer tape
Producible internal diameters: from 102 mm to 1,200 mm
Standard lengths: to your specification
Bending radius: 0.50 x Inner diameter
Average delivery time: 4 weeks

Easy assembly thanks to the reinforced ends (approximately double the thickness of the rest of the hose) without metal spirals which allow the hose to be secured using hose clamps easily found on the market.

Tube supplied complete with suspension rings or rings at the ends for fixing to the ground or wall.
Chemically resistant metal spiral because the fluid conveyed is outside the hose and does not alter its characteristics. The interior of the hose is virtually smooth, with minimal pressure drops. High tensile strength. The internal aluminum foil makes it exceptionally resistant to sparks.

Diameter internal [mm]	Depression Millimeter of mercury [mmHg, torr]	Depression [bar]	Pressure [bar]
102	500	0.667	0.300
127	500	0.667	0.300
152	500	0.667	0.300
160	500	0.667	0.300
178	500	0.667	0.275
203	500	0.667	0.275
220	300	0.400	0.275
229	300	0.400	0.275
254	300	0.400	0.250
305	300	0.400	0.175
356	300	0.400	0.150

380	300	0.400	0.130
407	300	0.400	0.125
425	300	0.400	0.120
457	300	0.400	0.110
508	250	0.333	0.100
525	250	0.333	0.100
600	200	0.267	0.085
760	150	0.200	0.075