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PERFORMER AT THE EC

HOSES › PIPES suitable for ATEX environments

Mastertubi.it/q?1121

Flexible rubber hose for hydraulic suction or discharge of highly abrasive materials, for QUARRY and MINES.
Ideal for suction and delivery of FLAMMABLE food or chemical and pharmaceutical products because it is suitable for working in an ATEX environment
such as: sugars, cereals (rice, wheat, corn), flour, powdered milk, feed, coloring substances.

Advantages:

- Can be used in ATEX zones 0, 1, 2 and 20, 21, 22.
- ELECTRICALLY CONDUCTIVE underlayer and cover ATEX
- Stain-resistant coating
- Excellent abrasion resistance. Can be supplied cut to size for on-site mating.
- Quick and easy installation. Lightweight and small bending radius. Low installation cost.
- Excellent resistance to atmospheric agents.

Tube: Wear-resistant NBR/PVC, smooth, WHITE.
Reinforcement: synthetic fabric with incorporated steel spiral.
Cover: Weatherproof NBR/PVC, corrugated, GREEN, fabric imprint.
Operating temperature: -10° to +80° C
Electrical Properties: Conductive Tube Resistivity less than 100MO
Operating pressure: 10 bar
Operating pressure: 30 bar
STANDARDS AND APPROVALS:
EU Regulations n° 1935/2004, 2023/2006 **(EU)**
French legislation: brochure 1227 of 09/11/1994 **(RF)**
American legislation n°21 CFR 177.2600 **(FDA)**
All product migration tests were carried out by the French Control Institute of Poiters (IANESCO) and confirmed.

Joint fittings: Pipes can be supplied with BLOC-END® type joints and must be used at the following maximum working pressure: ID=150mm 10 bar for static application (no pipe movement, no water hammer, no traction) - 5 bar for dynamic application and/or temperature > 40°C.

Internal diameter (mm)	External diameter (mm)	Operating pressure (bar)	Explosion pressure (bar)	Maximum depression (bar)	Bending radius (mm)	Weight per metre (kg/m)	Standard roll length (m)
50	83	10	30	0.9	150	4.20	20
65	98	10	30	0.9	200	5.41	20

80	113	10	30	0.9	240	6.70	20
100	133	10	30	0.9	300	7.46	20
125	158	10	30	0.9	500	9.13	20
150	183	10	30	0.9	600	10.69	20