

MD-Master-Pur L-EC

Material

hose wall: Electrically Conductive POLYURETHANE

spiral: PU-coated spring steel wire

Applications

- Dangerous areas, where electrical conductivity is demanded
- Special hose for industrial vacuum cleaners
- Suction and transport of paper fibers and wood chips
- Transport of granules
- Suction and transport of abrasive materials, gaseous and liquid media
- Extraction of coarse-grained particles with high flow volume
- Oil-spray extraction
- Protection hose against mechanical damage

Properties

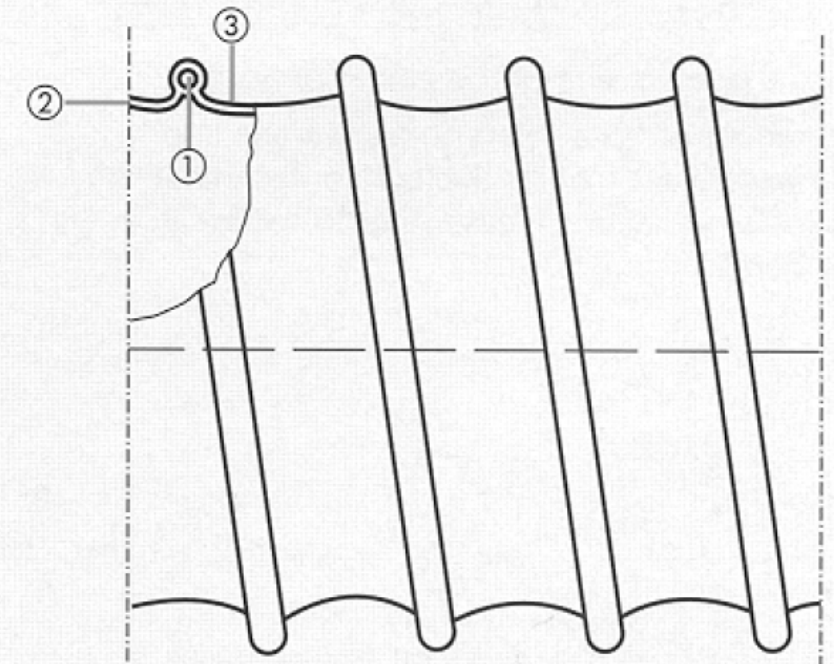
- Surface resistance $R_0 \leq 10^4$ Ohm
- Electrically conductive
- Abrasion-resistant
- Very flexible, lightweight
- Small bend radius
- Resistant to oil and fuels, gas-tight
- Free of plastizisers and halogens
- Good chemical resistance
- UV- and ozone-resistant
- Improved pressure and vacuum characteristics
- High tensile and burst strength
- Optimum flow characteristics



Electrically conductive polyurethane with PU-coated spring steel wire

Construction

- ① PU-coated spring steel spiral
- ② hose wall: polyester polyurethane
- ③ wall thickness between spirals .0275"



Temperature Range

- -40 °F up to +195°F
- intermittent to +260°F

16-20

CUSTOMER:
CUSTOMER P.O.:
PROJECT:
ENGINEER:
SALES REP.:
IDENTIFICATION / TAGGING:

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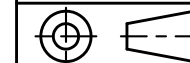
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Drawn by:	Janos B
Date:	2/25/2009
Scale:	NTS
Weight:	N/A

(16-20) ECH-260 - Electrically Conductive Hoses - Explosive Dusts and Vapours (260°F)

Specification Drawing



Drawing No.:	-	File Name:	(16-20) Electrically Conductive Hoses
Material:	-	Sheet:	1/2

MODELS & OPTIONS

Main System / Part

<input type="checkbox"/>	MD-342-050-207	2" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-060-207	2.4" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-065-207	2.6" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-070-207	2.8" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-075-207	3" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-080-207	3.2" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-090-207	3.6" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-100-207	4" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-110-207	4.4" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-115-207	4.6" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-120-207	4.8" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-125-207	5" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-130-207	5.2" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-140-207	5.6" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-150-207	6" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-160-207	6.4" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-170-207	6.8" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-175-207	7" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-180-207	7.2" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-200-207	8" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-225-207	9" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-250-207	10" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-275-207	11" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-280-207	11.2" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-300-207	12" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-315-207	12.6" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-325-207	13" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-350-207	14" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5
<input type="checkbox"/>	MD-342-400-207	16" Ø Master-Pur L-EC Hose. Lightweight polyester/polyurethane w/wire reinforcement. Contains carbon additive to make entire hose electrically conductive. Very flexible and black for medium abrasion in high electric charge conditions. Minimum 5

Hose Clamps

<input type="checkbox"/>	HCS-10	Hose Clamps 10" (250mm) Ø
<input type="checkbox"/>	HCS-12	Hose Clamps 12" (315mm) Ø
<input type="checkbox"/>	HCS-14	Hose Clamps 14" (350mm) Ø
<input type="checkbox"/>	HCS-16	Hose Clamps 16" (400mm) Ø
<input type="checkbox"/>	HCS-2	Hose Clamps 2-3" (50-75mm) Ø
<input type="checkbox"/>	HCS-3	Hose Clamps 3" (75mm) Ø
<input type="checkbox"/>	HCS-4	Hose Clamps 4" (100mm) Ø
<input type="checkbox"/>	HCS-5	Hose Clamps 5" (125mm) Ø
<input type="checkbox"/>	HCS-6	Hose Clamps 6" (150mm) Ø
<input type="checkbox"/>	HCS-7	Hose Clamps 7" (180mm) Ø
<input type="checkbox"/>	HCS-8	Hose Clamps 8" (200mm) Ø

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