

Product Guide for Antistatic & Electrically Conductive Hoses

They Won't Make Your Hair Stand on End

Antistatic Hoses

Master-PUR



PU Suction & Transport Hose, antistatic, surface resistance $R_0 < 10^9$, flame-resistant, hose wall conforms to FDA, highly abrasion resistant, good chemical resistance, smooth inside for optimum flow, highly flexible

Applications

- Food and Pharmaceutical industries
- Highly flexible suction and transport hose of abrasive solids, liquids and gases, fine-grained particles, e.g. dust and powder
- Woodworking machines
- Exhaust equipment in woodworking industries
- Oil mist extraction/suction
- Wet/dry process conveyance

Available in:

ID: 1.52" - 16", dep. on version
Color: transparent
Stock lengths: 25'
Temperature Range
-22°F to +195°F
Intermittent to +260°F
Versions
Master-PUR SL-F, L-F, H-F, HH-F

Master-PUR Stainless Steel



PU Suction & Transport Hose with stainless steel helix, antistatic, surface resistance $R_0 < 10^9$, flame-resistant, hose wall conforms to FDA, highly abrasion resistant, good chemical resistance, smooth inside for optimum flow

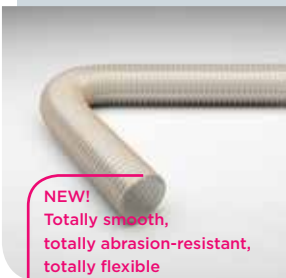
Applications

- Food and Pharmaceutical industries
- Highly flexible suction and transport hose of abrasive solids, liquids and gases, fine-grained particles, e.g. dust and powder
- Wet/dry process conveyance
- Clean room applications
- Anywhere stainless steel is required

Available in:

ID: 1.52" - 16", dep. on version
Color: transparent
Stock lengths: 25'
Temperature Range
-22°F to +195°F
Intermittent to +260°F
Versions
Master-PUR SL-F-SS, L-F-SS, H-F-SS, HH-F-SS

Master-PUR Performance



PU Suction & Transport Hose, antistatic, surface resistance $R_0 < 10^9$, highly abrasion resistant, super strong PU lining, oil/petroleum-proof, excellent vacuum resistance, smooth inside for optimum flow

Applications

- Extremely flexible spiral hose for suction and transport of extremely abrasive solids, liquids and gaseous media
- Feeding and cleaning of glass works, mineral processing plants, steelworks, quarries, shipyards and docks, cement works, flat roof graveling
- Other conveyor and loading plants
- Everywhere easy-to-clean surfaces are needed

Available in:

ID: 38mm to 150mm
Color: transparent
Stock lengths: 25'
Temperature Range
-22°F to +195°F
Intermittent to +260°F

Master-PUR Trivolution



PU Suction & Transport Hose, antistatic, surface resistance $R_0 < 10^9$, microbe-resistant, flame-resistant, very lightweight

Applications

- Highly flexible spiral hose for suction and transport of abrasive solids, liquids and gases, fine-grained particles, e.g. dust and powder
- Protective hose against mechanical wear
- Oil mist extraction/suction
- Flame-resistant acc. to DIN 4102 B1
- Microbe-resistant

Available in:

ID: 40mm - 400mm
Color: transparent
Stock lengths: 10m, dep. on ID
Temperature Range
-22°F to +195°F
Intermittent to +260°F
Versions
Master-PUR Trivolution L-F, L, H, HÜ, HX

Master-Clip Vinyl A



PVC coated Polyester Suction & Blower Hose, antistatic, surface resistance $R_0 < 10^9$, extra strength outer wall, good resistance to mechanical damage, lightweight

Applications

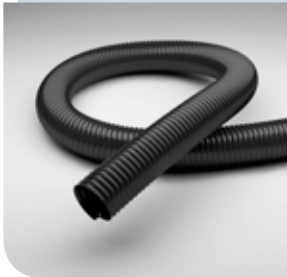
- Air-conditioning/ventilation systems
- Air supply and extraction
- Exhaust equipment
- Low pressure applications
- Areas with raised safety requirements

Available in:

ID: 1.6" - 36"
Color: gray
Stock lengths: 25'
Temperature Range
-5°F to +160°F
Intermittent to +175°F

Electrically Conductive Hoses

Master-PUR EC



PU Suction & Transport Hose, electrically conductive $R_0 < 10^4$, flame-resistant, highly abrasion resistant, oil/petroleum-proof, improved pressure and vacuum characteristics, smooth inside for optimum flow

Applications

- Dangerous areas, where electrical conductivity is demanded
- Special hose for industrial vacuum cleaners
- Suction and transport hose of abrasive solids, liquids and gases
- Extraction of coarse-grained particles with high flow volume
- Protection hose against mechanical damage

Available in:

ID: 1.52" - 16", dep. on version
Color: black
Stock lengths: 25'
Temperature Range
-22°F to +195°F
Intermittent to +260°F
Versions
Master-PUR SL-F-EC, L-F-EC, H-F-EC

Master-Clip Vinyl EC



PVC coated Polyester Suction & Blower Hose, electrically conductive, surface resistance $R_0 < 10^6$, extra strength outer wall, good resistance to mechanical damage, vibration-proof, highly flexible

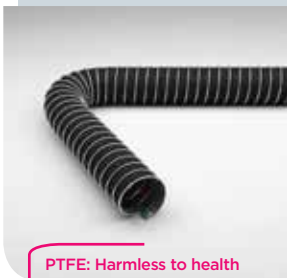
Applications

- Dangerous areas, where electrical conductivity is demanded
- Air conditioning/ventilation systems
- Extraction of corrosive media, explosive gases and fumes
- Suction plants
- Low pressure applications
- Areas with raised safety requirements

Available in:

ID: 1.6" - 36"
Color: black
Stock lengths: 25'
Temperature Range
-5°F to +160°F
Intermittent to +175°F

Master-Clip PTFE H-EC



PTFE: Harmless to health

Suction & Blower Hose for corrosive media up to +350°F, electrically conductive, surface resistance $R_0 < 10^6$, excellent weather resistance, vibration-proof, inner wall with non-stick surface

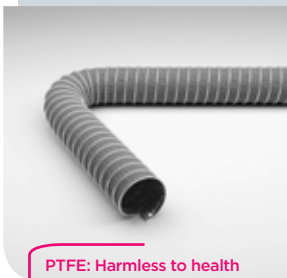
Applications

- Dangerous areas, where electrical conductivity is demanded
- Suction and conveyance of aggressive media, explosive gases and fumes
- Paint mist extraction
- Paint, wood and paper industries
- Pharmaceutical and chemical industries
- Solvent extraction
- Low pressure applications
- Areas with raised safety requirements

Available in:

ID: 2" - 36"
Color: black
Stock lengths: 25'
Temperature Range
-40°F to +350°F
Intermittent to +375°F

Master-Clip PTFE S-EC



PTFE: Harmless to health

Suction & Blower Hose for corrosive media up to +480°F, electrically conductive, surface resistance $R_0 < 10^6$, extra strength outer hose, heat and cold resistant, optimum flow characteristics, inner wall with non-stick surface

Applications

- Dangerous areas, where electrical conductivity is demanded
- Suction and conveyance of aggressive media, explosive gases and fumes
- Paint mist extraction
- Paint, wood and paper industries
- Pharmaceutical and chemical industries
- Solvent extraction
- Low pressure applications
- Areas with raised safety requirements

Available in:

ID: 3" - 36"
Color: black
Stock lengths: 25'
Temperature Range
-5°F to +480°F
Intermittent to +520°F

When you are in need of an electrifying solution, Dr. Les Spark is here to help!



Dr. Les Spark

When solid, liquid or gaseous material is conveyed through a hose, static electricity can occur. Static electricity is an electrical charge that is built up by the friction of different particles rubbing against each other on the hose wall. Static electricity is a particular concern in hoses that carry flammable chemical fumes or dust particles. You do not need a high buildup of static to cause a spark, and even a small spark can cause a large explosion. Static electricity can also be a nuisance in transport, suction, and ventilation pipes where a buildup of static can cause a gradual accumulation of dust and blockage, and, before you know it, you have a fire hazard on your hands.

Masterduct, Inc. provides the solution by offering the most versatile, cost effective, and abrasive-resistant hoses on the market.



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 **MASTERDUCT**
Connecting Values