



5.0 Antistatic conductive and hoses.

No problem with electrostatic charges and protection from explosion.

When solid and liquid materials are held in commercial tubes or hoses, electrostatic charge (separation of charged particles) occurs due to the friction material in the wall, or their friction inside. Primary risks are:

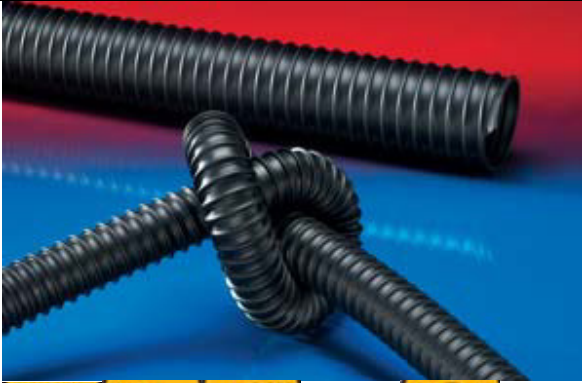
1. Occurrence of discharge, which can ignite an explosive mixture gas, smoke, fog and dust.
2. Dangerous or unpredictable behaviors caused by shock where such discharge enters the human body.
3. Process of division caused by the depositing of the environment to wall of the hose.
4. Malfunction in measuring devices and regulators.

The most reliable safeguard to prevent electrostatic charge, first by selecting the appropriate hose. Our hoses have proven valuable qualities of the application in this regard number of reasons.

Assessment of the specific application and the selection of safeguard measures may be done by the person responsible for the design and engineering operation.

Some major German and international regulations are:

- Directives 132 and 104 of the German employers' organization for liability insurance, and previous ZH 1 / 200 and ZH 1 / 10;
- Directive ZH 1 / 730 of the German employers' organization for liability insurance (to protect against fire and explosion in systems extraction and separation of wood dust and small pieces);
- Directive ZH 1 / 739 of the German employers' organization for liability insurance (wood dust - handling and safety);
- Bulgarian Institute for Health and Safety at Work (Ordinance Industrial vacuum cleaners for dust extractor);
- ATEX Directive 94/9/EC.



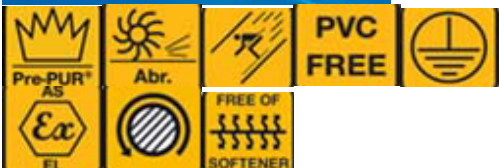
AIRDUC PUR 351 EL – PUR < 103 Ω light weight, smooth inner surface, strong, abrasion tested , ability of electrostatic discharge. - 40 ° C to + 90 ° C



AIRDUC PUR 355 EL – PUR < 103 Ω, heavy, smooth inner surface strong, abrasion tested , ability of electrostatic discharge. - 40 ° C to + 90 ° C



AIRDUC PUR 356 EL – PUR < 103 Ω, super heavy, smooth inner surface, strong, abrasion tested ability of electrostatic discharge. - 40 ° C to + 90 ° C



 		<p>PROTAPE PE 322 EL – PE < 103 Ω, ultra light weight, compressible, high chemical resistance, ability of electrostatic discharge. - 35 ° C to +80 ° C</p>
 		<p>AIRDUC PE 362 EL – PE < 103 Ω, average heavy, smooth inner surface high chemical resistance, ability , electrostatic discharge. - 35 ° C to + 80 ° C</p>
 		<p>EVA 373 AS – EVA < 1011 Ω, light, tested for brittle, less weight. - 25 ° C + 65 ° C</p>
 		<p>CP PTFE / HYPALON – VA 472 EL – TEFLON < 106 Ω, super light high chemical resistance, ability for of electrostatic discharge. - 40 ° C to 170 ° C</p>
 		<p>CP VITON 459 EL – VITON < 104 Ω ultra light weight, compressible, I.D to 1000 mm, electrostatic ability of unloading. - 20 ° C to + 210 ° C</p>



CP PTFE / Glass – VA 471 EL – TEFLON

< 106 Ω Super light and twine,
high
chemical resistance, ability for
of electrostatic discharge.
- 150 ° C to + 250 ° C