

## **PRESSE-MITTEILUNG**

### **The innovation among discharge-capable hoses: AIRDUC® PUR-INOX 351 MHF-AS**

#### **NORRES product range extended with a hose with permanent discharge capability**

The abrasion-proof **AIRDUC® PUR-INOX 351 MHF-AS** suction and transport hose, which is capable of electrostatic discharge, is the newest addition to the NORRES portfolio. Owing particularly to its electrical and surface resistance  $< 10^9 \Omega$ , it is recommended for transporting combustible bulk materials. The hose is simultaneously ideal for use in hazardous areas.

The **AIRDUC® PUR-INOX 351 MHF-AS** has optimised flow properties and a smooth interior as well as being highly abrasion-proof. The wall is made from permanently antistatic premium ether-polyurethane and is permanently capable of electrostatic discharge according to TRBS 2153. It also exhibits approximately 2.5 to 5 times better abrasion resistance than most rubber materials and is 3 to 4 times better than the majority of soft PVC materials. The hose consequently achieves an optimal throughput of aggressive solids such as dust, powder, fibres or chips and is predestined for use in dust removal and suction plants. The **AIRDUC® PUR-INOX 351 MHF-AS** is gas and liquid-tight – a great advantage when it comes to transporting gaseous media.

The hose wall is food grade in conformity with EU Directive 2002/72/EC – a vital prerequisite for applications in the food and pharmaceutical industries. In addition to this, the complete hose has been approved by an independent testing laboratory according to EU Directive 2002/72/EC, including amending Directive 2007/19/EC. Not only is it odourless and tasteless, it also contains neither softeners nor halogens.

The **AIRDUC® PUR-INOX 351 MHF-AS** boasts excellent low-temperature flexibility – better than comparable ester-polyurethanes – and withstands any temperature from around  $-40^{\circ}\text{C}$  to  $+90^{\circ}\text{C}$ . At the same time, the hose is resistant to microbial attack and hydrolysis as well as to oil, benzene and chemicals. Thanks to its good resistance to UV and ozone, it is also optimally suited for outdoor work. The **AIRDUC® PUR-INOX 351 MHF-AS** is kink-proof in daily use and has a very small bending radius. It is produced with a transparent wall as standard. Customer-specific product markings can be provided on request. The hose is identified with the GREEN icon, meaning it can optionally be made from a "bioplastic" derived from renewable raw materials. In this case, the approvals may deviate from those for the standard types.

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**Photos:**

**NORRES\_AIRDUC®\_PUR\_INOX\_351\_MHF\_AS**

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