

PRESS-RELEASE

Long term – AIRDUC® PUR 356 reinforced / BARDUC PUR-VA 382 MHF

Robust Hose Systems – safe and economical long term transport

New and enhanced hose systems are exhibited by NORRES Schlauchtechnik GmbH & Co. KG, Gelsenkirchen, at POWTECH (11. to 13. October 2005 in Nürnberg) showing the variety of applications in rough conditions of use. These hoses can be used in industries where the transport of solids is relevant in regard to costs and/or security.

The advantage of a polyurethane hose construction compared to rubber hoses is its weight: the PUR hose is lighter. For heavy duty applications in the transportation of extremely abrasive and aggressive solids NORRES offers AIRDUC® PUR 356 reinforced, available in diameters from 50 to 152 mm and in 10 m lengths.

AIRDUC® PUR 356 reinforced is super-heavy, the primary abrasion zones are reinforced, it is robust with high axial strengths and especially usable for high flow-rates of sand, gravel, grain, refuse glass, chips and as conveying hose in silo vehicles, glassworks, docks, steel works, stone pits, shipyards and cement works. Long-term use was made possible by the following properties of the hose: optimised flow properties, narrow hose pitch and smooth interior. The hose can be used in temperature ranges from -40 °C to +90 °C, short time to +125 °C.

In addition to the above mentioned properties BARDUC PUR-VA 382 MHF offers very high pressure, vacuum and compression resistance, high tensile strength and tear resistance, very good low temperature flexibility, a small bending radius, is kink-proof and also capable of electro static discharge. The spiral is made of stainless steel wire and the wall of special premium ether-polyurethane is food quality and complies with FDA 21 CFR 177.2600, 178.2010 and the German guideline XXXIX BfR polyurethane. The complete hose has approval according to the EC guideline 2002/72/EC (formerly 90/128/EEC).

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Because of these properties, BARDUC PUR-VA 382 MHF can be used not only in the food and pharmaceutical industry but also in every industry where solids and liquids need to be transported long-term with various pressures and in temperature ranges between -40 °C and short time +125 °C.

BARDUC PUR-VA 382 MHF is available in diameters between 32 and 152 mm and lengths of up to 10 m. The NORRES R&D department is also able to help with customer specific changes.

Innovation, know-how and long term testing combined with highest quality standards towards material and technique – these are the Norres prerequisites for excellent products for the end-user.

Fotos:

- AIRDUC PUR 356 verstärkt
- BARDUC PUR-VA 382 MHF

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