

## **PRESS RELEASE**

### **BARDUC® HT-PUR 382**

#### **Superior delivery rates in heat with BARDUC® HT-PUR 382**

*From October 24 to 31, 2007 NORRES will show a variety of innovative industrial hoses and hose systems at the K 2007 fair in Dusseldorf. The newest high-temperature hose, BARDUC® HT-PUR 382, will also make its debut at the exhibition. With a wall thickness of 6 mm and double steel wire reinforcement, BARDUC® HT-PUR 382 is an unprecedentedly rugged hose for high-temperature applications.*

BARDUC® HT-PUR 382 is ideal whenever suction and transport hoses have to comply with especially challenging specifications. Despite temperatures of 125°C – with peaks as high as 150°C – it guarantees a remarkably high delivery rate. The hose is additionally distinguished by a very long service life, even with hot, highly abrasive solids. With a wall thickness of 6 mm and double steel wire reinforcement, it exhibits unusually high compressive and peak compressive strength as well as high vacuum resistance. It is ideally suited for carrying hot gravel types, broken glass, etc. Amongst other things, this transport hose is installed in glassworks, docks, steelworks, quarries, shipyards and cement works.

#### **NORRES HT-PUR hoses: a novel process**

Hose manufacturer NORRES has optimised its premium polyurethane to enable it to be cross linked in a simple and efficient way. This new polyurethane type withstands a continuous operating temperature of 125°C and can be used at up to 150°C for short periods. It is also clearly superior to other materials, such as the traditionally employed ordinary polyurethane, neoprene or thermoplastic elastomers, when it comes to resisting ageing under heat. The fact that – thanks to their cross linked structure – HT-PUR hoses show a 40 percent improvement in mechanical stability during heat exposure is a further immense advantage.

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## **PRESS RELEASE**

Whenever hot and extremely abrasive solids need to be transported, the new HT-PUR polyurethane sets benchmarks in terms of durability and delivery capacity. The three HT-PUR hoses launched by NORRES in the last few months have already recorded considerable success. The newest HT-PUR type – BARDUC® 382 – extends the HT-PUR product family with an extra-rugged hose that is perfect for all hot, highly abrasive solids demanding a high throughput.

### **BARDUC® HT-PUR 382**

BARDUC® HT-PUR 382 impresses with its streamlined design. The hose has smooth interior and exterior surfaces, guaranteeing an optimal material flow as well as high delivery rates at temperatures of 125°C or peaks up to 150°C. Owing to its double steel wire reinforcement and 6 mm thick walls, BARDUC® HT-PUR 382 is exceptionally rugged and abrasion-proof. Its abrasion resistance is between 2.5 and 5 times better than with the majority of soft PVC materials. Featuring a spring steel wire firmly embedded in the wall, the hose is capable of electrostatic discharge according to BGR 132, so that static charge and resulting process disruptions are avoided. The newest HT-PUR hose is softer and halogen-free as well as gas and liquid-tight with a high axial strength. The wide range of diameters available from 100 to 152 mm means greater production flexibility. HT-PUR generates important savings potential for users everywhere thanks to its small offcut, lower warehousing costs and increased durability.

BARDUC® HT-PUR 382 will be unveiled at the K 2007 fair in Dusseldorf from October 24 to 31. You can find NORRES in Hall 7.0, Stand No. A23.

**Photo:** BARDUC® HT-PUR 382

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