

PRESS-RELEASE

NORRES manufactures products from renewable raw materials

Hose types made from bio-based raw material sources available as an option

For several years now, the increased awareness of ecological issues among the population in general has prompted the plastics industry to cast its attention on materials derived from renewable sources.

NORRES Schlauchtechnik has formulated a corporate sustainability strategy which specifies that all NORRES products should be developed according to certain basic principles. One of these principles is that defined hose types should be made from bio-based raw material sources. Bioplastic monomers derived from renewable raw materials for polyesters, polyamides, polyurethanes and vinyl polymers represent a second pillar of the NORRES strategy.

Renewables make an important contribution towards ensuring sustainable supplies of energy and other valuable resources. What's more, their use for energy causes fewer greenhouse gases to be released than fossil resources. The use of renewables for materials actually conserves carbon dioxide.

Another advantage of renewable raw materials concerns the security of supply: they are not finite and they are found in almost every country on earth, for instance in domestic farming and forestry industries. They can also be imported from numerous other countries – further adding to supply stability and reliability.

The use of renewables generates substantial benefits for the environment. They make an important contribution towards ensuring sustainable supplies of energy and other valuable resources. Products derived from renewable sources tend to release fewer toxic emissions and are less energy intensive to manufacture.

Renewable raw materials are superior from an ecological, economic and social point of view, meeting many of the requirements of modern sustainability concepts. NORRES products identified with the **GREEN icon** are either manufactured from a bioplastic raw material as standard – or can be made from bio-based raw material sources as an option – or they have a comparatively good ecobalance. NORRES customers can choose a "green" version as an

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option for a wide range of hose types. When they place an order for x metres of hose, they are asked to decide which raw material should be used in the manufacturing process. The NORRES **PROTAPE® PUR 335 MHF FLAT**, **AIRDUC® PUR 350 MHF** and **AIRDUC® PUR 355** hoses all bear the **GREEN icon**, for example.

Photos:

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