

## Transporting liquids and solids

# Modern technology in the hoses

### A technically advanced product

rigid spiral hoses are unique in combining a flexible sheath and rigid PVC coil. The spiral ring can be visible on the outside of the flexible part or covered by it depending on the chosen parameters.

=> *Benvic Europe develops components for the flexible and rigid part. For the spiral ring, the most technical aspect, our compounds provide both rigidity and fluidity for good extrusion whilst guaranteeing rapid production.*

### A wide range of applications

the main uses include transporting liquids (wine, beer, milk, oil, drinking water, etc.) and solid food (e.g. seeds). Hoses reinforced with a spiral can also be used to load and discharge solid waste (stones) or purify wastewater.

=> *Our formulations are specific and tailored to each application type, pursuant to the REACH Regulation and client specifications. For transporting liquid food, one of the Benvic Europe Group's strengths, our compounds meet the strictest standards in the area and we are supplying more and more phthalate-free solutions.*

### A high diameter size

this hose type can have a diameter varying from 50 mm to 200 mm, reflecting the type of transported material and each client's specifications.

=> *Our PVC blends are provided in the sizes required by the client, with no risk of deformation.*

### Elasticity and high resistance

the combination of a flexible and rigid part makes it possible to deliver both product flexibility and good mechanical resistance.

=> *Our compounds provide excellent results in terms of stress cracking and optimize the hoses' durability.*

### Choice of colours

rigid spiral hoses are generally available in two colours. For food applications, the flexible part is usually translucent, which makes it possible to see the transported liquid.

=> *Benvic can deliver coloured or uncoloured flexible and rigid PVC compounds to its clients, who add the pigmentation.*



• Which hoses can transport wine, oil and stones too ?

*The answer: rigid PVC spiral hoses. They use the same technology, but applied to very different uses. These are technically advanced products, particularly for the ring part. And Benvic uses all its expertise to supply bespoke high-performance components meeting the specificities and demands of each client.*