

# Super-Flex and Special Construction Hose, Firesafe Hose

## Super-Flex Hose and Special Construction Hose

Dantec believe that all customers deserve the very best hose for their particular application. What is "Best" should take account of safety, ease of handling, reliability, longevity and value for money.

Dantec's standard product range is very comprehensive and covers the majority of applications. However, every customer is different and there are applications for which a standard hose is either not suitable or is unnecessarily expensive.

Dantec have a vast knowledge of applications with highly experienced technical staff including experts in materials technology. They have used this experience to develop a number of special hose constructions designed to cope with mechanically or chemically challenging conditions. Such hoses include very economical Biofuel hoses and Super-Flex hoses specially designed for long unsupported lengths, high temperature products and low pressure steam cleaning.

Dantec take pleasure in solving customers' problems. So if you have a new hose transfer application or perhaps the life of your current hose is not satisfactory please discuss it with our technical staff. It is very likely that they can help either with an existing special construction, or purpose build a hose to suit your needs.



World Leader in Composite Hose Technology

## Firesafe Hose

Fire – its discovery ensured our survival yet we constantly strive to control its power. If you handle flammable or hazardous cargo you are no doubt operating stringent safety procedures and practices. In most cases this is enough to identify a minor incident and prevent it from becoming a major one. Unfortunately any process or piece of equipment is only as strong as its weakest link. Flexible hoses form an integral part of the petrochemical industry, yet in all but the most critical of applications the fire retardant ability of a flexible hose is never questioned. Standard composite hose has great advantages by way of flexibility, weight, chemical resistance and price over other forms of flexible hose, but just like other hose it has the problem of safety in a fire situation.

FIRESAFE composite hose utilises a series of non-asbestos barriers to conductive and radiative heat to achieve outstanding fire retardant ability. With FIRESAFE hose, after thirty minutes of severe fire attack, the hose carcass is still intact and capable of holding product. From a fire fighting and personnel point of view, this is a critical factor. A severe situation is where hot, vapourising fuel is violently deposited onto a running or spillage fire; a situation made worse when water is involved, often



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resulting in catastrophic effects. Even after loss of integrity, FIRESAFE hose will not fail catastrophically. Instead it will gradually burn off the product as it presents itself to atmosphere. In addition to testing by Dantec at our Moreton factory, the FIRESAFE hose has been independently tested by the British Government Department of the Environment, Fire Research Station and also the Swedish Fire Service.

All Dantec hoses are available with FIRESAFE protection. Standard Colour: Red.



HOSE FULL OF PRODUCT UNDER EXTREME FIRE ATTACK.



FIRESAFE HOSE STILL INTACT AFTER 30 MINUTES OF FIRE.



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