



7.0 Fire resistant hoses

All combustible organic materials, including plastics.

Development of fire is influenced by other things in the product (flammability, fast spreading flames, increasing the heat Smoke, smoke density and toxicity of flammable gases surface-mass ratio of flammable materials, thermal conductivity, thermal effects, etc..) and accompanying circumstances (distribution location, quantity of material, pre-heat treatment ventilation during exposure to and intensity of the source of Flash, etc).. The complexity of the influencing factors make possible description of the overall application and basic behavior product on ignition. Therefore, specific regulations and standards are implemented in application scenarios test / test.












NORRES offer a comprehensive range of fire resistant hoses that have sound tests by independent laboratories and all have official approvals and / or certificates for the entire hose. Many of these items only are actively ongoing external quality control.









The following three Ordinances are individually significant for the international and German market:

UL 94: Test laboratories insurers vertical combustion (USA);

DIN 4102: "Spread of Fire in building materials and construction ingredients "(Germany)

DIN 5510: "Preventive fire protection in railway vehicles levels of protection, fire prevention and certification. "(Germany)

  	<p>1.1 Hose responding to UL94 - PUR and PVC, from super light to super heavy, with UL approval.</p>
  	<p>1.2 PROTAPE PUR 332 SE – PUR Super light weight, high flexibility and compressive qualities.</p>
  	<p>1.3 AIRDUC PUR 352 SE – PUR light smooth inner surface abrasion tested.</p>
 	<p>1.4 AIRDUC PUR 355 SE – PUR hard, smooth inner surface extremely abrasion resistant.</p>

   	
   	<p>1.5 CP SILIKON 460 – Ultra light weight, Compression qualities, Ø to 1000 mm.</p>
   	<p>1.6 CP ARAMID 461 – resistant to vibration, ultra light weight, Compression qualities, Ø to 1000 mm.</p>
   	<p>1.7 CP HiTex 480 – Ultra light weight, Compression qualities, Ø do 1.000 mm.</p>
  	<p>1.8 CP HiTex 481 – Two-layered, light, Compression qualities, Ø to 1000 mm.</p>