



flamex hybrid® – hd –

Special PUR tubing with extreme load-bearing capacity, made of **polyurethane** with non halogen flame retardants, resistant against welding chips and flying sparks.



– heavy duty –

flamex hybrid®

Wherever there are welding chips and flying sparks, it is the flamex hybrid® element

As the leading manufacturer in the field of flame retardant pneumatic hoses we developed the new flamex® due to market requirements.

flamex hybrid® is a further development our product line **flamex®** which is in use under heavy conditions for many years.

flamex hybrid®-hd is the extreme resilient special tube out of polyurethane (PUR) for all applications in the field of welding machines, welding guns or flying sparks e.g. near grinder.

flamex hybrid®-hd stand out for highest working pressure and extreme resilience in addition to the well known **flamex®** attributes.

flamex hybrid®-hd is high tech »Made in Germany« which is manufactured under highest quality standards due to a DIN EN ISO 9001:2008 certified Quality Management system.

Suitable for air, water and other liquid or gaseous medium
Working pressure: -0,9 - 25 bar (depending on temperature)

The standard range contains the following dimensions:

DN
2,00
4,00
6,00
8,00
10,00
11,00

Other dimensions possible

This product line is available in the following colours:

grey	black
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Free of heavy metals | special colours possible

We deliver the tubing as rolls of 50 meters. The tubes can be ordered as single or multi tubes as well as spiral tubes.

- Extremely resistant against all kind of weld chips and flying sparks
- Maintenance rates could be extended in most cases
- Flame retarded without halogen, self-extinguishing in case of fire. Fire classification by Underwriters Laboratories Inc.® : listed UL 94 from V2 to V0
- Lower costs due to long durability
- Easy, quick and therefore cheap installation because there is no need for time-consuming dismantling of double-walled tube. No extra costs arise for special screw connectors
- Suitable for all common instant plug-in connectors made out of metal or suitable plastics
- Resistant against microbes
- High chemical resistance (most detergents, solvents and other contact media)
- Small bend radius
- Excellent UV-resistance
- Top resistance to abrasion and scrubbing (suitable for drag chains)
- Free of substances retarding lacquer coverage
- High burst pressures
- Suitable for vacuum applications
- Recyclable (basic material could be reused), disposal permission as industrial waste similar to domestic waste
- Release to German automotive industry

REACH & RoHS Compliant

This product complies with the applicable requirements of the REACH Regulation (EC No. 1907/2006) and the RoHS Directive 2011/65/EU, including current amendments. Compliance information is based on data provided by the manufacturer and supplier.



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