



flamex hybrid® – a –

Special PUR tubing suitable for gaseous flow media made of **polyurethane** with non halogen flame retardants, resistant against welding chips and flying sparks.



– air –

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[®]-a- is the special tube out of polyurethane (PUR) for all applications with gaseous medium in the field of welding machines, welding guns or flying sparks e.g. near grinder.

flamex hybrid[®]-a- stand out for good flexibility with a raised pressure resistance, in addition to the well known **flamex[®]** attributes.

flamex hybrid[®]-a- 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.

Usable for air and other gaseous medium
Working pressure: -0,9 - 16 bar (depending on temperature)

- 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

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:

blue

white

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.

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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