



PUR / TYP : KKS-NEO Ø 6 mm



KKS-NEO

Special PUR tubing made of **polyurethane**
with non halogen flame retardants

NEW

**NEW EUROPEAN
RAILWAY REGULATION**

EN 45545-2 : 2016-2



fire control classification:
UL 94 V2 – V0



TÜVRheinland®
CERT
ISO 9001

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The optimal solution for the application in areas which have to prioritise flame protection – complies as the only polyurethane pneumatic tubing with the norms of the new European Railway Regulation EN 45545!

PAPUREX, as the leading manufacturer of flame retarding polyurethane tubing (PUR), managed to improve the KKS-family one more time – the outcome is named **KKS-NEO** and fulfils highest flame protection standards.

KKS-NEO provides best characteristics for the usage in high-risk environments such as building technology, aircrafts and railway vehicles, where excellent flame-protection qualities are compulsory. The material composition of the polyurethane special tubing has already proven in field tests here.

KKS-NEO guarantees quick and easy usage because of its compatibility to quick connectors of all leading manufacturers.

KKS-NEO is high tech »Made in Germany«, manufactured under a certified Quality management system according to ISO 9001.

Suitable for air, water and other liquid or gaseous media
Working pressure: -0.95 - 8 bar (depending on temperature)

- Meets the high requirements of the new European Railway Regulation EN 45545 and is released for the international railway construction
- Improved flame protection properties due to optimized material composition.
- Flame-retarding without halogen, self-extinguishing in case of fire
- Suitable for all common quick plug connectors made out of metal or appropriate plastic plug-in connectors
- Cost efficient due to long durability
- Resistant against microbes and hydrolysis
- High chemical resistance (most detergents, solvents and other contact media)
- Small bending radius possible
- Excellent UV-resistance
- Top resistance to abrasion and scrubbing (suitable for drag chains)
- Suitable for vacuum applications
- Recyclable (basic material ready to be reused), disposal permission as industrial waste similar to domestic waste

The standard range contains the following dimensions:

Outer diameter:
6,0 mm
8,0 mm
10,0mm
12,0mm

Other dimensions possible

This product line is available in „blue“; other colours possible

Free of heavy metals | special colours possible

We deliver the tubing as rolls of 50 meters as well as long lengths up to 100 meters on reusable wood reels or cut to size tubing ex 10 mm length. The tubes can be ordered as single or multi tubes as well as spiral tubes.

Technical changes and misprint excepted | Date: 06/2026



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