



**PAPUREX**  
Individual Tubing Solutions

**KSS**

Kink-proof tubing made of **polyurethane**  
Smallest bending radii possible - without kinking

## KSS

The best choice if there is little space available for assembly or in case the tubing can not be laid in a conventional manner!

As one of the leading manufacturers in the segment of innovative high-quality pneumatic tubing made of polyurethane, which is suitable for common plug-in connector systems, we designed our **KSS** especially for the demanding conditions of usage in tight spaces.

**KSS** is the special tubing made of polyurethane (PUR) designed for all applications in areas, which require especially small bend radii due to little space available or where a careful placement of the tubing cannot be ensured. The KSS masters these conditions because of its specially designed inner profile, which enables a flexible assembly without kinking and thus, without clogging.

**KSS** is externally calibrated and therefore suitable usage with plug-in connectors of all leading manufacturers. Hence, a fast and easy assembly is ensured at any time. Furthermore, special internally guided connectors have been developed, which get used particularly in the automotive industry.

**KSS** is high-tech »Made in Germany« and is manufactured under the highest quality requirements according to an ISO 9001 certified quality management system.

Suitable for air, water, and various other fluids or gaseous media.  
Working pressure up to 8 bar (depending on ambient temperature)

- **Cost-effective due to longevity**
- **Resistant to kinking**
- **Suitable for all externally guided plug-in connectors made of metal or plastic**
- **Especially fine-tuned for the internally guided plug-in connectors designed for the automotive industry**
- **Resistant to hydrolysis (suitable for usage with or in water)**
- **Resistant to microbes**
- **Resistant to many chemicals, cleaners, and other contact media**
- **Very resistant against UV-radiation**
- **Highest abrasion resistance and thus suitable for usage with drag chains**
- **Vacuum suitable**
- **Recyclable / allowed for the disposal through commercial waste similar to household waste**
- **Approval for international car manufacturing according to the VDA 278 norm (Indoor emission values)**



The standard range includes dimensions with the outer diameter 8mm, other dimensions on demand

The product line is available in the following colors:

**Black translucent**

Free of heavy metals | individual colors on demand

We deliver coils sold by meter beginning from 5m, greater lengths (up to 320m) on reusable wooden reels,  
or cut-to-size tubing beginning from 10 mm.

### Maße Measures:

D <sub>1</sub> (mm)	W (mm)	S (mm)	Stegtiefe A (mm)
<b>8,00</b>	<b>1,00</b>	<b>1,60</b>	<b>1,60</b>
Gewicht weight: <b>43 g/ m</b> (errechnet value calculated)			Schlauchfarben/ Tube colours: schwarz-transluzent black-translucent

