



*flame retardant
according to
UL94 V0/V2*



Self-extinguishing and welding spatter resistant tubing

XFlame hydro® PU tubing is made of an elastic, kink-resistant and highly abrasion-resistant material that is insensitive to stress corrosion cracking, with high impact strength and dielectric properties. The flame resistance is tested according to UL 94 V2 - V0. This makes it ideal for use in welding systems, welding robots and machines, spot welding guns and all welding-related areas.

Good resistance and PWIS free

XFlame hydro® PU tubing has good resistance to oil, good UV resistance, is halogen-free, hydrolysis-resistant, microbe-resistant, plasticizer-free and free of paint-wetting impairment substances (LABS)

Special properties for a variety of applications

The combination of particularly good properties of the XFlame hydro® PU tubing allows it to be used far beyond the welding area. Agriculture, automotive, plant and mechanical engineering, robotics and automation, industry, aerospace technology, sea and rail traffic, chemicals, surface technology, conveyor and supply lines.

Features and Benefits

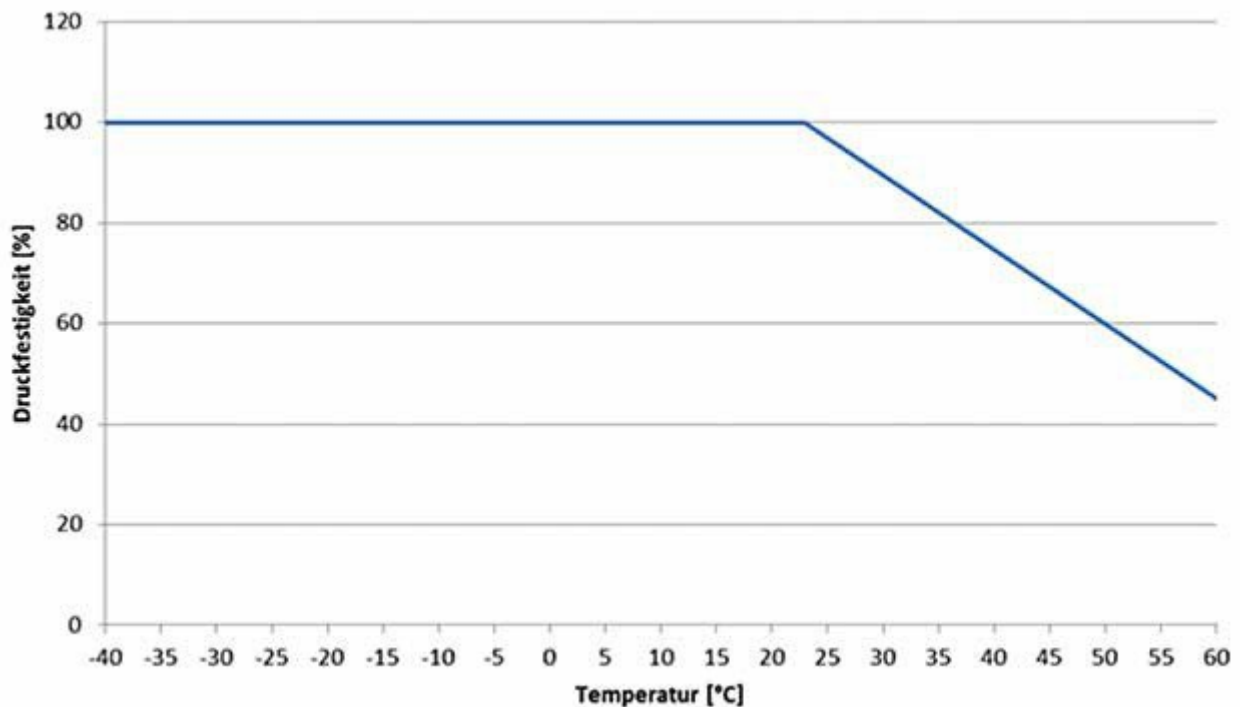
- flame retardant according to UL94 V0/V2
- resistant to welding spatter
- halogen-free according to EN50267-2-1 (corresponds to IEC 60754-1)
- self-extinguishing in case of fire
- PWIS-free (free of paint wetting-inhibiting fabrics)
- suitable for drag chains
- very good abrasion resistance
- elastic and kink-resistant

Typical Applications

- Welding systems
- Welding robot
- Welding machines
- Spot welding guns
- Cooling and hot water applications
- Compressed air applications
- Delivery hose
- Science of measuring and control engineering
- Mechanical engineering
- Automation and assembly lines

XFlame hydro[®] PU Standard Dimensions

Part Number	ID	OD	Tolerance OD	Wall	Min. Bend-radius	Max. Working-pressure 23°C (73°F)	Weight
PU2,0XF4,0	2,0 mm	4,0 mm	±0,1 mm	1,0 mm	7 mm	18 bar	11,9 g/m
PU4,0XF6,0	4,0 mm	6,0 mm	±0,1 mm	1,0 mm	8 mm	12 bar	19,8 g/m
PU4,0XF8,0	4,0 mm	8,0 mm	±0,15 mm	2,0 mm	9 mm	21 bar	47,5 g/m
PU6,0XF10,0	6,0 mm	10,0 mm	±0,15 mm	2,0 mm	15 mm	17 bar	63,3 g/m
PU8,0XF12,0	8,0 mm	12,0 mm	±0,15 mm	2,0 mm	26 mm	12 bar	79,2 g/m
PU10,0XF14,0	10,0 mm	14,0 mm	±0,15 mm	2,0 mm	38 mm	10 bar	95 g/m
PU11,0XF16,0	11,0 mm	16,0 mm	±0,15 mm	2,5 mm	48 mm	12 bar	133,6 g/m



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