

 **PURPURSCHLANGE®**
Valued by brewers



MARKING: Blue wavy line on a red background, applied in a spiral "Continental PURPURSCHLANGE® FDA Glas-/Gabel-Symbol BfR EG 1935/2004 2023/2006 Made in Germany"

APPLICATIONS

Breweries, Filling machines, Other installations in the brewing, beverage and spirits industry, Wine press houses

FLOW MEDIUM

Alcohol <20%, Beer, Buttermilk, Fruit ice cream, Fruits, Gelatine, Juice, Ketchup, Lactic acid, Milk, Mustard, Sparkling wine, Sugar syrup, Wine

STANDARD / APPROVAL



DESCRIPTION

- Inner lining:** Special elastomer, white, high-performing, neutral to taste and odour, non-porous
- Reinforcements:** Synthetic fibres
- Cover:** Spezial elastomer, red, fabric patterned, abrasion resistant, resistant to ozone, weather and UV
- Working pressure up to:** 16 bar / 232 psi
- Temperature range:** from -30 °C / -22 °F up to +90 °C / +194 °F up to +100 °C / +212 °F (max. 60 minutes)
- Dampable up to:** +130 °C / +266 °F (max. 30 minutes)
- Further properties:**
 - 3 years warranty
 - Can be cleaned by CIP installations
 - Flexible
 - Long-lasting
 - Recommended fittings system PAGUFIX®
 - Resistant to commonly used cleaning and disinfecting products

TECHNICAL DATA

nominal width	inner-Ø	wall thickness	outer-Ø	length	helix	working pressure		min. burst pressure		vacuum		min. bending radius	weight
						bar	psi	bar	psi	bar	mmHG		
zoll/inch	mm	mm	mm	m	helix	bar	psi	bar	psi	bar	mmHG	aprx. mm	aprx. g/ m
1/2	13	3.5	20	40		16	232	48	696	-0.6	-450	80	250
5/8	16	4	24	40		16	232	48	696	-0.6	-450	100	300
3/4	19	5	29	40		16	232	48	696	-0.6	-450	120	450
1	25	6	37	40		16	232	48	696	-0.5	-375	160	750
1 1/9	28	7	42	40		16	232	48	696	-0.5	-375	180	1003
1 1/4	32	8	48	40		16	232	48	696	-0.5	-375	190	1200
1 1/4	32	8	48	60		16	232	48	696	-0.5	-375	190	1200
1 1/2	38	9	56	40		16	232	48	696	-0.5	-375	230	1600
1 9/16	40	9	58	40		16	232	48	696	-0.5	-375	240	1650
2	50	8	66	40	●	16	232	48	696	-0.8	-600	250	2050
2	50	10	70	40		16	232	48	696	-0.4	-300	300	2200
2 5/8	65	12	89	40		16	232	48	696	-0.4	-300	450	3300
3	75	8	91	40	●	16	232	48	696	-0.8	-600	375	3150
3	75	12	99	40		16	232	48	696	-0.3	-225	500	3800
3 1/8	80	8	96	40	●	16	232	48	696	-0.8	-600	400	3320
3 1/8	80	14	108	40		16	232	48	696	-0.3	-225	560	4800
4	100	9	118	40	●	16	232	48	696	-0.8	-600	500	4850
4	100	15	130	40		16	232	48	696	-0.3	-225	700	6400

Pressure and vacuum data relate to room temperature / High pressures and/or temperatures reduce the service life / Warranty only valid for proven cases of faulty materials and manufacturing, provided that couplings have been fitted by experts, that the recommended working conditions have been respected and that the hose has been used in accordance with its intended use