



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, absolutely neutral to taste and odour, high-performing, 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 | | |
|---------------|---------|----------------|---------|--------|-------|------------------|---------------------|--------|---------------------|-----------|------------|------|
| Zoll/inch | mm | mm | mm | m | helix | 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

Industrial Fluid Solutions

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