



# PURPURSCHLANGE® PLUS CONDUCTIVE

## Ex-zones - no problem



**MARKING:** Blue wavy line on a red background, applied in a spiral "Continental PURPURSCHLANGE® PLUS CONDUCTIVE FDA glass/fork symbol BfR EG 1935/2004 2023/2006 Made in Germany"

### APPLICATIONS

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

### FLOW MEDIUM

Alcohol <20%, Alcohol >20%, Beer, Buttermilk, Cheese, Chocolate, Citric acid, Cottage cheese, Dairy ice cream, Dough, Egg yolk, Fats, Fishmeal, Foodstuffs, Fruit ice cream, Fruits, Gelatine, Granulate and powder media, Ice, Juice, Ketchup, Lactic acid, Milk, Milk powder, Mustard, Oils, Rice pudding, Sparkling wine, Spirits, Sugar syrup, Tallow, Vinegar, Wine, Yoghurt

### STANDARD / APPROVAL



### DESCRIPTION

**Inner lining:** UPE, white, neutral to taste and odour, non-porous, smooth, with black coiled OHM conductive stripe

**Reinforcements:** Synthetic fibres  
With integrated steel wire helix

**Cover:** Spezial elastomer, red, fabric patterned, abrasion resistant, resistant to ozone, weather and UV, with black coiled OHM conductive stripe

**Working pressure up to:** 16 bar / 232 psi

**Temperature range:** from -30 °C / -22 °F up to +95 °C / +203 °F  
up to +110 °C / +230 °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

Dissipative through the hose wall,  $R < 10^9 \Omega$

Flexible

Recommended fittings system PAGUFIX®

Resistant to commonly used cleaning and disinfecting products

Suitable for pure alcohol up to 100%

Suited to use in ex-zones

### TECHNICAL DATA

nominal width zoll/inch	inner-Ø mm	wall thickness mm	outer-Ø mm	length m	helix helix	working pressure		min. burst pressure		vacuum		min. bending radius aprx. mm	weight aprx. g/ m
						bar	psi	bar	psi	bar	mmHG		
1	25	6	37	40	●	16	232	48	696	-0.9	-675	100	800
1 1/4	32	6	44	40	●	16	232	48	696	-0.9	-675	125	1050
1 9/16	40	7	54	40	●	16	232	48	696	-0.9	-675	150	1450
2	50	8	66	40	●	16	232	48	696	-0.9	-675	200	2200
2 5/8	65	8	81	40	●	16	232	48	696	-0.9	-675	250	2570
3	75	8	91	40	●	16	232	48	696	-0.9	-675	300	2850
3 1/8	80	8	96	40	●	16	232	48	696	-0.8	-608	300	3100
4	100	9	118	40	●	16	232	48	696	-0.8	-608	400	4700

Pressure and vacuum data relate to room temperature / High pressures and/or temperatures reduce the service life

#### Industrial Fluid Solutions

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IFS IH 1040 Version: 2021 12.13 | 2023-09-14

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