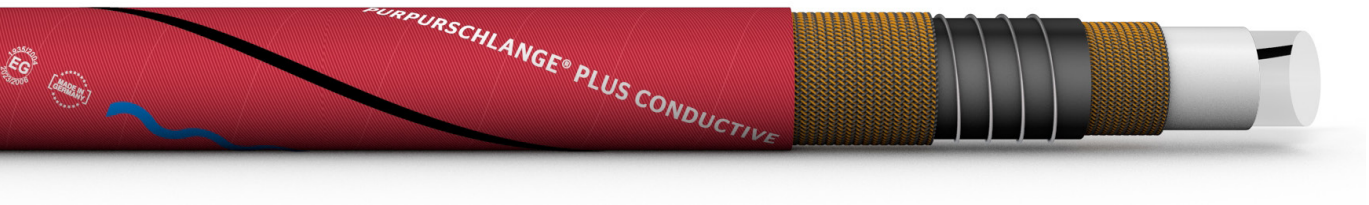

PURPURSCHLANGE® PLUS CONDUCTIVE

Ex-zones – no problem

Applications:

Breweries, distillereies, 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

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"

Standard / Approval:

FDA Regulation 1772600
BfR Recommendation XXI Cal. 2
EU 1935/2001 2023/2006

Description:

- **Inner lining:** UPE, white, absolutely 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
  - Electrically conductive, R < 10^9 Ω, through the hose wall
  - 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:

INDEX									
nr	mm	mm	mm	m	bar[1]	bar[1]	bar[1]	aprx. mm	aprx. g/m
-	25	6	37	40	16	48	-0,9	100	800
-	32	6	44	40	16	48	-0,9	125	1050
-	40	7	54	40	16	48	-0,9	150	1450
-	50	8	66	40	16	48	-0,9	200	2200
-	65	8	81	40	16	48	-0,9	250	2570
-	75	8	91	40	16	48	-0,9	300	2850
-	80	8	96	40	16	48	-0,8	300	3100
-	100	9	118	40	16	48	-0,8	400	4700

1 - Pressure based on room temperature / High pressure and/or temperature lead to reduced component durability.