



BLAUDIECK SUPER CONDUCTIVE

Robust, cost-effective, functional



MARKING: 2 white stripes on a blue background, applied in a spiral "Continental BLAUDIECK SUPER Glas-/Gabel-Symbol EC 1935/2004 Made in Germany"

APPLICATIONS

Beverage industry, Breweries, Convenience food industry, Dairies, Foodstuff industry, Industrial processing of flavorings, seasonings, gourmet food, fruit juices, lemonades & confectionery, Milk processing industry

FLOW MEDIUM

Media that fall under food simulants A, B, C, D1 and D2 according to EU 10/2011 (aqueous, greasy and oily foods, foods with a pH<4.5, alcoholic foods up to an ethanol content of 95%)

STANDARD / APPROVAL

EC

1935/2004

EU

10/2011 incl.
2020/1245

BfR

Recommendation
XXI, Cat. 2

FDA

Regulation
177.1520 for inner
liner material

DESCRIPTION

Inner lining: UPE, white, non-porous, plasticizer-free, smooth, with black coiled OHM conductive strip

Reinforcements: Synthetic fibres
With integrated steel wire helix

Cover: NBR, blue, fabric patterned, abrasion resistant, ozone-resistant, with black coiled OHM conductive strip

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: Hose layers dissipative through the hose wall, $R < 10^9 \Omega$

Hose suited to use in ex-zones

Lining and cover both resistant to oil and fats

Recommended fittings system PAGUFIX & PAGUCLAMP

Resistant to cleaning and disinfecting agents and chemicals according to the Continental resistance list

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		
3/4	19	5	29	40	●	16	232	48	696	-0.8	-600	150	450
1	25	6	37	40	●	16	232	48	696	-0.8	-600	150	700
1 1/4	32	6	44	40	●	16	232	48	696	-0.8	-600	200	990
1 1/2	38	6.5	51	40	●	16	232	48	696	-0.8	-600	250	1200
2	50	8	66	40	●	16	232	48	696	-0.8	-600	350	2050
2 1/2	63	8	79	40	●	16	232	48	696	-0.8	-600	450	2500
3	75	8	91	40	●	16	232	48	696	-0.8	-600	500	2850
4	100	9	118	40	●	16	232	48	696	-0.8	-600	750	4250

Temperature resistance applies only to materials used / All technical data apply at room temperature / Steam information applies to saturated steam / Attention: Superheated steam will reduce the durability considerably / Other dimensions upon request

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