



BLAUDIECK® LGDSU

Robust, cost-effective, functional



MARKING: 2 white stripes on a blue background, applied in a spiral "Continental BLAUDIECK® UPE FDA Glas-/Gabel-Symbol BfR EG 1935/2004 2023/2006 Made in Germany"

APPLICATIONS

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

FLOW MEDIUM

Alcohol, Beer, Buttermilk, Cheese, Chocolate, Citric acid, Cottage cheese, Dairy ice cream, Dough, Egg yolk, Fats, Fatty foods, Fishmeal, Flour, Foodstuffs, Fruit ice cream, Fruits, Gelatine, Granulate (Salt, Sugar), Ice, Juice, Ketchup, Lactic acid, Milk, Milk powder, Mustard, Oils, Powder, Powder media, Rice pudding, Spirits, Sugar syrup, Tallow, Vinegar, Yoghurt

STANDARD / APPROVAL



DESCRIPTION

- Inner lining:** UPE, white, neutral to taste and odour, non-porous, plasticizer-free, smooth
 - Reinforcements:** Synthetic fibres
With integrated steel wire helix
 - Cover:** NBR, blue, 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 +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:** 2 years warranty
- Lining and cover both resistant to oil and fats
Recommended fittings system PAGUFIX®
Resistant to aggressive chemicals
Resistant to commonly used cleaning and disinfecting products
Suitable for pure alcohol up to 100%

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	-0.8	-600	170	760
1 1/4	32	6	44	40	●	16	232	48	696	-0.8	-600	200	1050
1 9/16	40	7	54	40	●	16	232	48	696	-0.8	-600	250	1450
2	50	8	66	40	●	16	232	48	696	-0.8	-600	330	2000
2 5/8	65	8	81	40	●	16	232	48	696	-0.8	-600	430	2520
3	75	8	91	40	●	16	232	48	696	-0.8	-600	500	2840
3 1/8	80	8	96	40	●	16	232	48	696	-0.8	-600	530	3050
4	100	9	118	40	●	16	232	48	696	-0.8	-600	660	4180

Pressure and vacuum data relate to room temperature / High pressure and/or temperature lead to reduced component durability