



BLAUDIECK® LGDU

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
- 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 | inner-Ø | wall thickness | outer-Ø | length | working pressure | min. burst pressure | vacuum | min. bending radius | weight |
|---------------|---------|----------------|---------|--------|------------------|---------------------|--------|---------------------|--------|
| Zoll/inch | mm | mm | mm | m | bar | psi | bar | mm | g/m |
| 1 | 25 | 6 | 37 | 40 | 16 | 232 | -0.6 | 150 | 750 |
| 1 1/4 | 32 | 8 | 48 | 40 | 16 | 232 | -0.6 | 200 | 1200 |
| 1 9/16 | 40 | 9 | 58 | 40 | 16 | 232 | -0.6 | 250 | 1480 |
| 2 | 50 | 10 | 70 | 40 | 16 | 232 | -0.5 | 350 | 2050 |
| 2 5/8 | 65 | 12 | 89 | 40 | 16 | 232 | -0.5 | 450 | 3120 |
| 3 | 75 | 12 | 99 | 40 | 16 | 232 | -0.4 | 500 | 3450 |
| 3 1/8 | 80 | 14 | 108 | 40 | 16 | 232 | -0.4 | 650 | 4390 |
| 4 | 100 | 15 | 130 | 40 | 16 | 232 | -0.4 | 750 | 5800 |

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