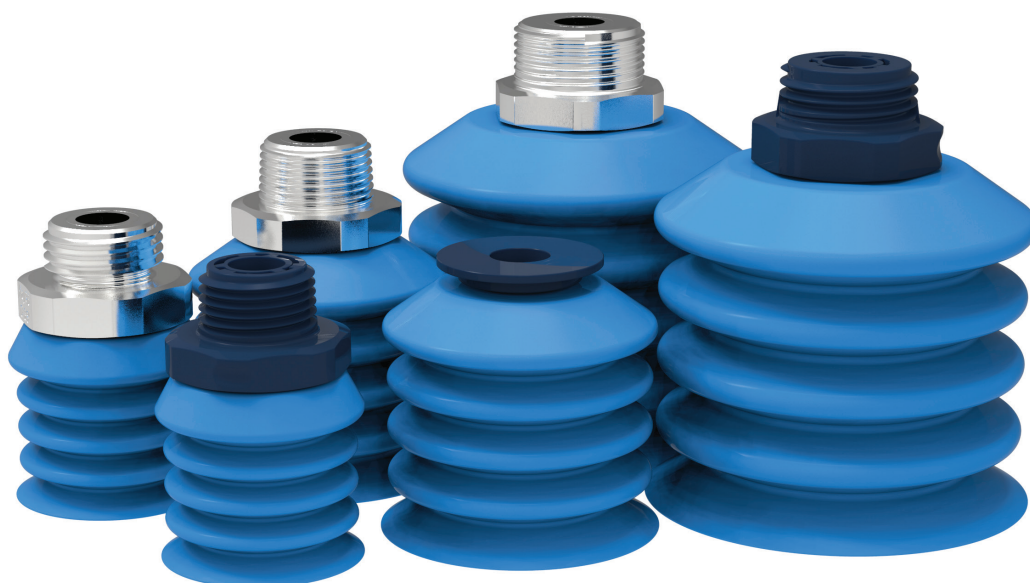# Bread and bakery cup (B-BL)

Cups of food contact materials (FCM) suitable for handling bread and pastries. In addition to threaded separable stainless steel and plastic fittings, all cups are available with a retainer clip which will fit standard bread depanners. The BBL cups can handle great differences in levels due to long bellows. Not suitable to use with deep vacuum levels.

- The material is silicone material which complies FDA and EU regulations e.g. FDA 21 CFR 177.2600 and EU 1935/2004.
- Long lasting high-end silicone material.
- A low percentage metal additive (Fe) is mixed with the rubber material to make it detectable.
- Suitable for bakeries for use with handling seeded product.
- Suitable for level adjustment.
- Available with males threaded food grade, detectable plastic fittings or acid proof stainless steel fittings. The fittings are separable.
- Additional fitting option – retainer clip for standard belts used for bread de-panner.
- Easy to clean with hygienic design. No dust/dirt pockets.
- Low vacuum level needed to collapse bellows. Reduces risk for damaging the handled bakery product.

Lifting forces

Name	Lifting force vertical to the surface, N, at vacuum level			Lifting force parallell to the surface, N, at vacuum level		
	10 -kPa	20 -kPa	40 -kPa	10 -kPa	20 -kPa	40 -kPa
B-BL30	4.4	7.4	12.3	3.0	4.4	8.3
B-BL40	8.4	15.3	25.7	4.2	9.0	19.4
B-BL60	10.6	23.7	43.1	11.9	21.4	47.9

General specifications

Name	Outer diameter, mm	Height, mm	Min. curve radius, mm	Max. vertical movement,mm	Volume, cm³
B-BL30	30	28	10.8	16.8	11
B-BL40	42.5	38	15.8	27.9	29.1
B-BL60	60	52.6	18.7	43.0	82.1

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Available materials

Name	Silicone, detectable, FCM
B-BL30	●
B-BL40	●
B-BL60	●

Applications

Table shows typical applications for the suction cup. For more detailed information, please visit piab.com.

Name	Food contact material (FDA, EU standard)
B-BL30	●
B-BL40	●
B-BL60	●

Ordering information

No fitting

Name	Detectable
B-BL30-2	0206373
B-BL40-2	0202850
B-BL60-2	0206374

NPT thread & retainer clip

Name	1/2" NPT male, detectable		3/8" NPT male, detectable		Other, detectable with retainer clip
	Composite	Stainless steel	Composite	Stainless steel	
B-BL30-2	0207098	0207095	0207099	0207094	0207100
B-BL40-2	0207108	0207104	0207107	0207103	0207109
B-BL60-2	0207118	0207113	0207117	0207112	0207119

G thread

Name	G1/2" male, detectable		G3/8" male, detectable	
	Composite	Stainless steel	Composite	Stainless steel
B-BL30-2	0207096	0207093	0207097	0207092
B-BL40-2	0207106	0207102	0207105	0207101
B-BL60-2	0207115	0207111	0207114	0207110

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