

### GENERAL SPECIFICATIONS

<b>Keg Type</b>	PolyKeg PRO 2.0
<b>Nominal Volume</b>	12 L   406 oz. - 16 L   541 oz. - 20 L   676 oz. - 24 L   811 oz. - 30 L   1014 oz
<b>Valve</b>	A - S - G - D - M - K (According to DIN 32677)
<b>Filling</b>	Upside down - upside up
<b>Storage and Shipment</b>	Stackable
<b>PRV</b>	Over-pressure release valve (gas channel only) and depressurisation after use (gas channel only)
<b>Bottle Colour</b>	Amber, Clear
<b>Top Colour</b>	Black
<b>Base Colour</b>	Black

### MATERIALS SPECIFICATIONS

<b>Amber bottle</b>	Polyethylene terephthalate + master colouring
<b>Clear bottle</b>	Polyethylene terephthalate
<b>Valve</b>	Other plastic materials
<b>Bag kit</b>	Aluminium, Polyethylene, Nylon, Polypropylene
<b>Label</b>	Polypropylene
<b>Top</b>	Recycled Polypropylene
<b>Base</b>	Recycled Polypropylene

### FOOD CONTACT

- Regulation EU-EC-UM
- Food and Drug Administration (FDA) Title 21 Code of Federal Regulations

### COMPANY CERTIFICATIONS

- BRC Global Standard for Packaging and Packaging Materials Issue 6: August 2019
- UNI EN ISO 9001:2015
- UNI EN 14001:2015
- UNI ISO 45001:2018

### ADDITIONAL INFORMATION

- Declaration of conformity N° 1A
- MI02 – PolyKeg PRO 2.0 User Manual

**CONDIZIONI**

	VALUE	NOTES
Keg internal pressure	≥1,0 bar N <sub>2</sub>	T= 20°C
Bag	Purged with CO <sub>2</sub>	
O <sub>2</sub> pick-up during filling	< 1 ppb	Due to the Keg

**DIMENSIONS**

	VALUE						NOTES	
Nominal volume	12 L 406 oz.	16 L 541 oz.	20 L 676 oz.	24 L 811 oz.	30 L 1014 oz.		P = 0 bar T = 20°C	
Total volume	12,3 L 416 oz.	16,3 L 551 oz.	20,3 L 686 oz.	24,3 L 822 oz.	30,3 L 1025 oz.	± 1%		
Diameter	246,5 mm 9,70"		272,5 mm 10,72"	307,5 mm 12,10"	± 1%			
Residual content	≈ 100 ml							± 1%
Height	393 mm 15,47"	481 mm 18,93"	569 mm 22,40"	566 mm 22,28"	566 mm 22,28"	± 1%		
Weight	1,15 kg	1,24 kg	1,33 kg	1,44 kg	1,65 kg	± 2,5%		

**PHYSICAL-MECHANICAL SPECIFICATIONS**

	VALUE	NOTES
PRV	5,5 bar ± 1 bar	Gas channel only.
Maximum Working Pressure	3,5 bar	0°C ≤ T ≤ 40°C
Yield	P ≥ 8 bar	
Burst	P ≥ 9 bar	
Spear Ejection	> 30 bar	
Drop Test	No burst	0°C ≤ T ≤ 40°C P = 2bar H = 1.2m Filled Keg
Maximum Top Load	75 kg (@0 bar)	0°C ≤ T ≤ 40°C Load uniformly distributed on the top of the keg
	125 kg (@1.5 bar)	
	175 kg (@2.5 bar)	

**SHELF-LIFE GAS AND LIGHT BARRIER**

	VALUE			NOTES
Fill before	24 months after production date			0°C ≤ T ≤ 40°C
Product Shelf Life	12 months typical			Depending on product type, product CO <sub>2</sub> content, temperature, storage/shipping conditions, etc...
O <sub>2</sub> pick-up at end of shelf life	6 MONTHS <5 ppb	9 MONTHS <7 ppb	12 MONTHS <10 ppb	T=20°C, 50% rh
CO <sub>2</sub> loss at end of shelf life	6 MONTHS <2,5%	9 MONTHS <3,5%	12 MONTHS <4,5%	Depending on product type, product CO <sub>2</sub> content, temperature storage/shipping conditions, etc...
Light Transmittance (DIN 5033 part 3)	0			350 ≤ nm ≤ 500