MADE IN ITALY



PolyKeg®

POLYKEG PRO 2.0

THE **SAFEST** AND
MOST **SUSTAINABLE**
ONE-WAY KEG.

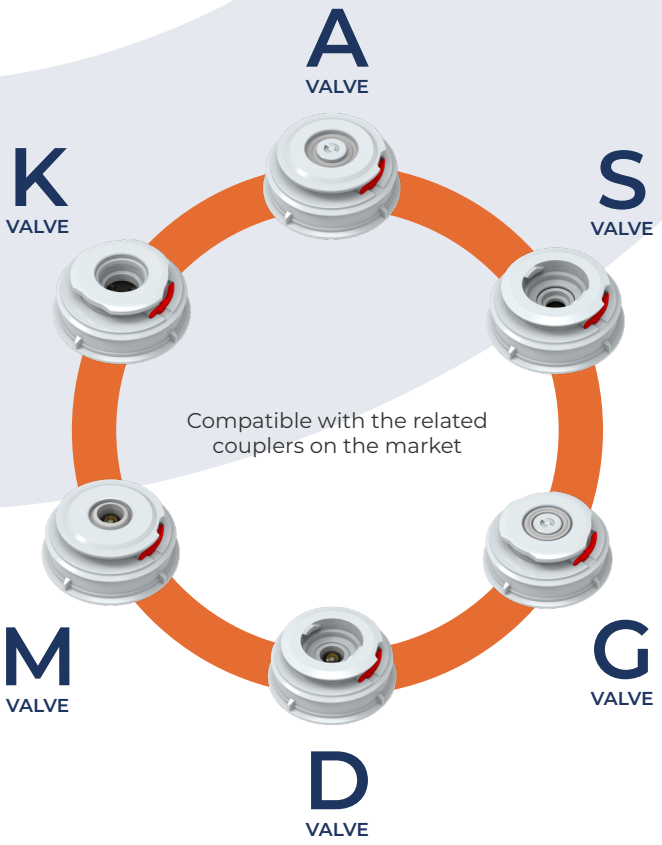
USER MANUAL

SP03 - Rev. 04 of 05/09/2025

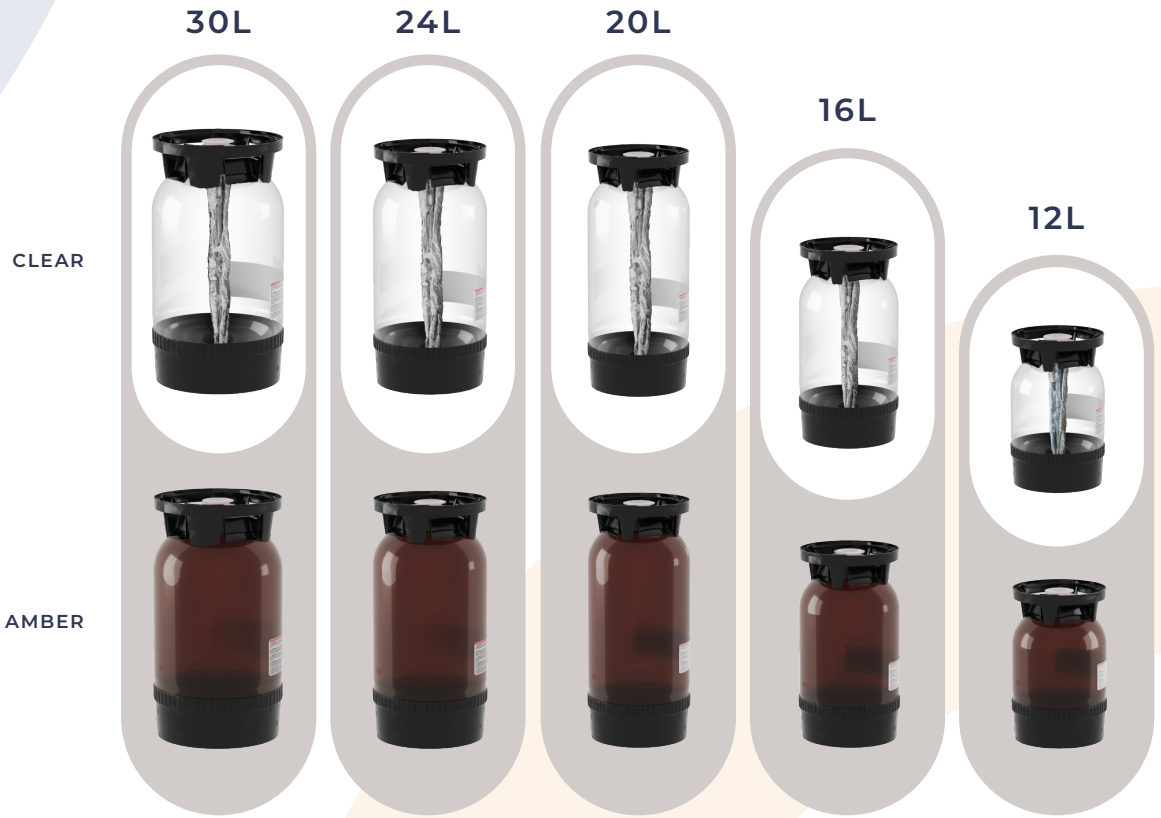
POLYKEG **PRO 2.0**

RANGE

PolyKeg PRO 2.0 range is available both with and without bag in **5 different sizes and with 6 different valves** for a full compatibility.

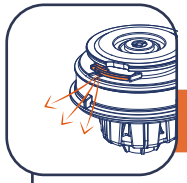


WITH BAG AND WITHOUT BAG



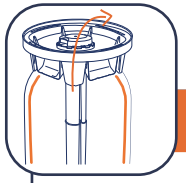
POLYKEG **PRO 2.0**

EXCLUSIVE ADVANTAGES



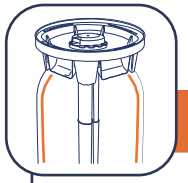
OVER-PRESSURE RELIEF VALVE (OPRV 1)

Each PolyKeg PRO 2.0 is equipped with a over-pressure relief valve:
1: Automatic release of overpressure when it exceeds the set value, during the entire keg life cycle. The valve closes automatically once the internal pressure drops below the set value.
2: Complete and quick depressurization of the keg after use, with easy removal of the red lever.



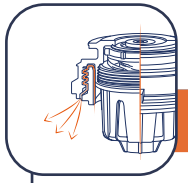
OVER-PRESSURE RELIEF VALVE (OPRV 2)

In kegs with a bag, when the internal pressure exceeds the preset nominal value, the OPRV 2 automatically releases the excess pressure from the bag. Subsequently, the OPRV 1 discharges this excess outside the keg.



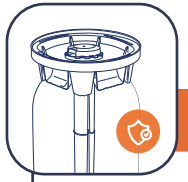
BAG IN KEG SYSTEM (BIK)

The unique PolyKeg 'bag in keg' system allows correct and complete tapping of the product, protecting it from external agents thanks to the special multilayer bag. The bag-in-keg is supplied nitrogen-fluxed and vacuum-packed to ensure the best hygienic conditions.



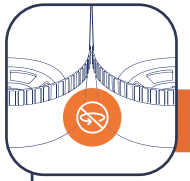
SCREW NECK

The neck closure has a unique design to ensure automatic pressure relief in case of tampering, and a higher resistance in the unlikely case of valve detachment from the keg.



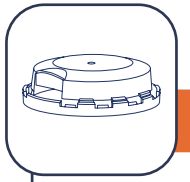
BARRIER

Thanks to the special materials, PolyKeg PRO 2.0 guarantees a high barrier to O_2 , CO_2 and light keeping the product qualities unchanged over time.



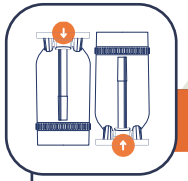
ANTI-ROTATION SYSTEM

PolyKeg PRO 2.0's anti - rotation system stops the keg from slipping and rotating on the pallet, ensuring the stability of the goods both in the warehouse and during shipment. It's simple, fast and safe since the keg does not need to be oriented during the palletization process.



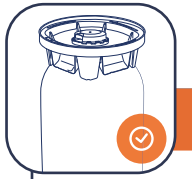
POLYKEG SEAL WITH TAMPER EVIDENT

The tamper evident seal, exclusive of PolyKeg:
› Guarantees the integrity of the keg, showing possible manipulation by third parties.
› Protects the valve from external agents and against shocks during the handling.



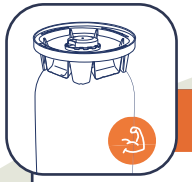
FILLING

PolyKeg PRO 2.0 can be filled either upside down or upside up, manually or with automatic filling machines.



READY FOR FILLING

Polykeg PRO 2.0 is supplied flushed and pressurized with alimentar nitrogen. Ready for filling (*it is intended that verification of residual O_2 content after filling is customer's responsibility.*)



LIGHT AND STRONG

The innovative design and materials used to make PolyKeg PRO 2.0 lightweight, yet strong and safe, ensure high resistance to internal pressure and handling during transport and storage.

POLYKEG **PRO 2.0**

BAG IN KEG SYSTEM

BAG IN KEG BIK POLYKEG®'S EXCLUSIVE INNOVATION.

› The BIK system is the only one with an **internal bag and dip tube** that allows **complete and correct tapping**, avoiding excessive foam and product waste;

› It guarantees **maximum protection of the product**, before and during tapping, thanks to the innovative bag design, made with a special multi-layer film that provides a complete barrier to light, O2 and CO2 .

› The bag is supplied **purged**, **vacuum** and **folded**, to ensure a low residual oxygen and an optimal hygienic condition inside the bag;

› It can be filled either **upside down or upside up**, manually or with automatic filling machines.

READY TO BE FILLED

OPTIMIZED TAPPING

FLUSHED | MULTI-LAYER FILM

BAG'S SPECIAL FOLDING

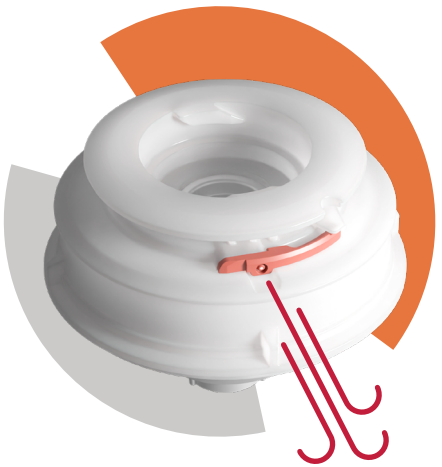
DIP TUBE | PRE-PRESSURIZED

UPSIDE DOWN OR UPSIDE UP



POLYKEG **PRO 2.0**

OVER- PRESSURE RELIEF VALVE (OPRV 1)



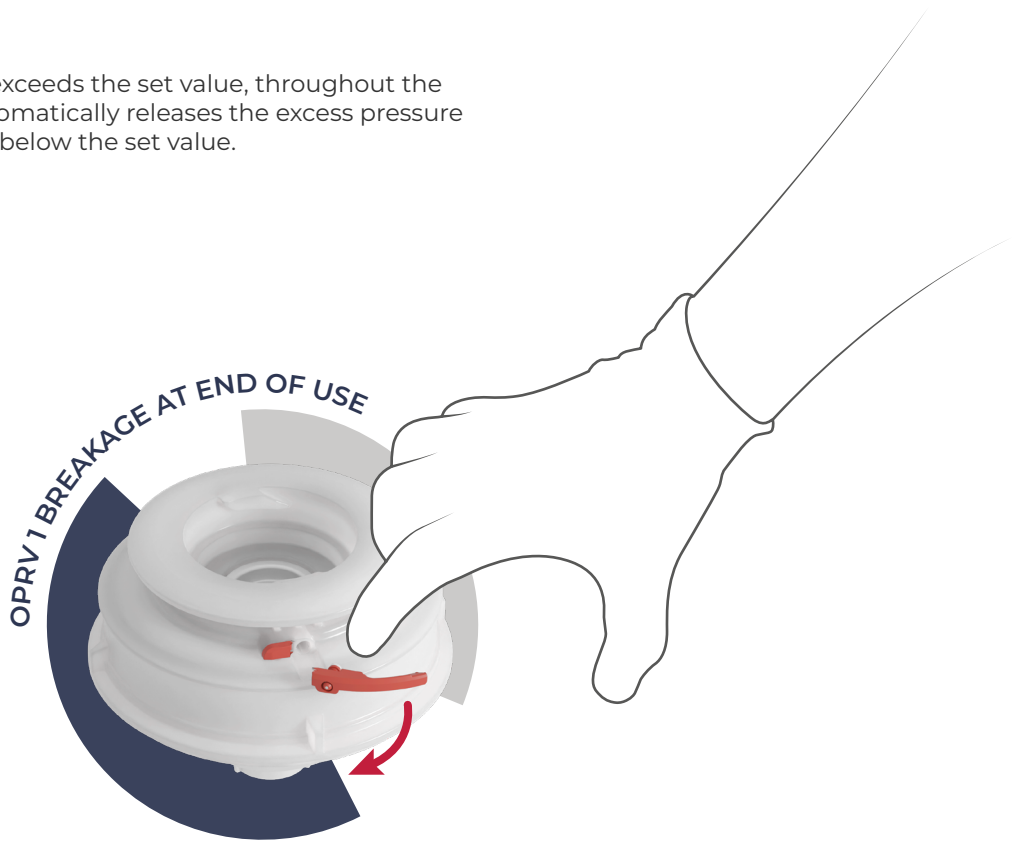
AUTOMATIC OVERPRESSURE RELEASE

When the internal pressure exceeds the set value, throughout the keg life cycle, the OPRV 1 automatically releases the excess pressure and closes again once it falls below the set value.

RAPID AND COMPLETE DEPRESSURISATION AT THE END OF USE

AFTER USE

Once the contents have been used up, the keg can be depressurised quickly and safely for proper disposal by breaking the OPRV 1.

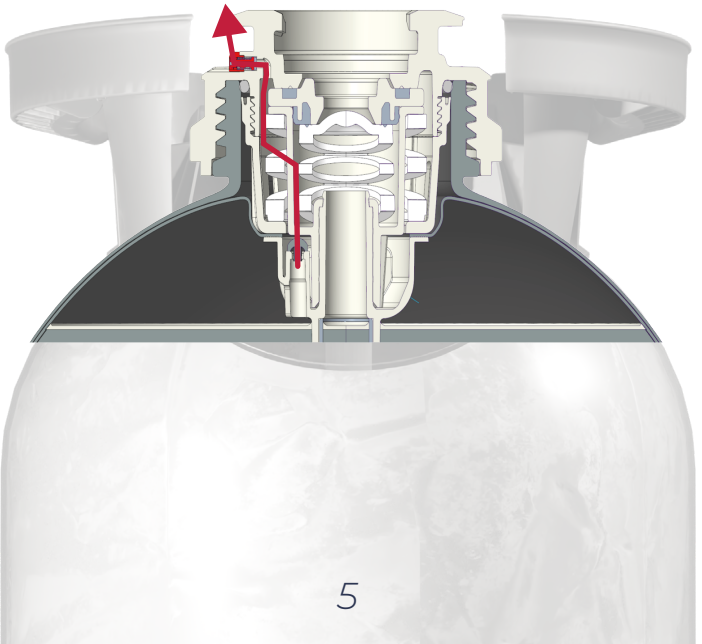


*In case of PolyKeg PRO 2.0 with bag, the OPRV 1 valve has a counter-pressure release and depressurisation function at the end of use.

POLYKEG **PRO 2.0**

OVER-PRESSURE RELIEF VALVE BETWEEN BAG AND KEG (OPRV 2)





AUTOMATIC RELEASE OF OVERPRESSURE IN THE BAG

In kegs with a bag, when the internal pressure exceeds the preset nominal value, the OPRV 2 automatically releases the excess pressure from the bag. Subsequently, the OPRV 1 discharges this excess outside the keg.

POLYKEG **PRO 2.0**

WEIGHTS AND DIMENSIONS



	12L | 406 oz.	16L | 541 oz.	20L | 676 oz.	24L | 811 oz.	30L | 1014 oz.	
Diameter	246,5 mm | 9,70”	246,5 mm | 9,70”	246,5 mm | 9,70”	272,5 mm | 10,72”	307,5 mm | 12,10”	± 1%
Height	393 mm | 15,47”	481 mm | 18,93”	569 mm | 22,40”	566 mm | 22,28”	566 mm | 22,28”	
Empty weight without bag	1,08 kg	1,17 kg	1,25 kg	1,34 kg	1,54 kg	± 2,5%
Empty weight with bag	1,15 kg	1,24 kg	1,33 kg	1,44 kg	1,65 kg	

LOGISTICS



Pallet 80x120 cm | 31.50’’x47.24’’		12L 406 oz.	16L 541 oz.	20L 676 oz.	24L 811 oz.	30L 1014 oz.
Kegs per pallet		**75**	**60**	**60**	**48**	**44**
Quantity	**Pallet**	**Kegs**	**Kegs**	**Kegs**	**Kegs**	**Kegs**
CTR 20 ft Standard	11	825	660	495*	396*	363*
CTR 40 ft High Cube	24	1800	1440	1440	1152	1056
CTR 45 ft High Cube	32	2400	1920	1920	1536	1408
Camion 13,6 mt	32	2400	1920	1920	1536	1408

Pallet 100x120 cm | 39.37’’x47.24’’		12L 406 oz.	16L 541 oz.	20L 676 oz.	24L 811 oz.	30L 1014 oz.
Kegs per pallet		**100**	**80**	**80**	**64**	**48**
Quantity	**Pallet**	**Kegs**	**Kegs**	**Kegs**	**Kegs**	**Kegs**
CTR 20 ft Standard	10	1000	800	600*	480*	360*
CTR 40 ft High Cube	22	2200	1760	1760	1408	1056
CTR 45 ft High Cube	26	2600	2080	2080	1664	1248
Camion 13,6 mt	26	2600	2080	2080	1664	1248

***Note:** Quantities refer to three layers palletization, compulsory for CTR 20 ft Standard.

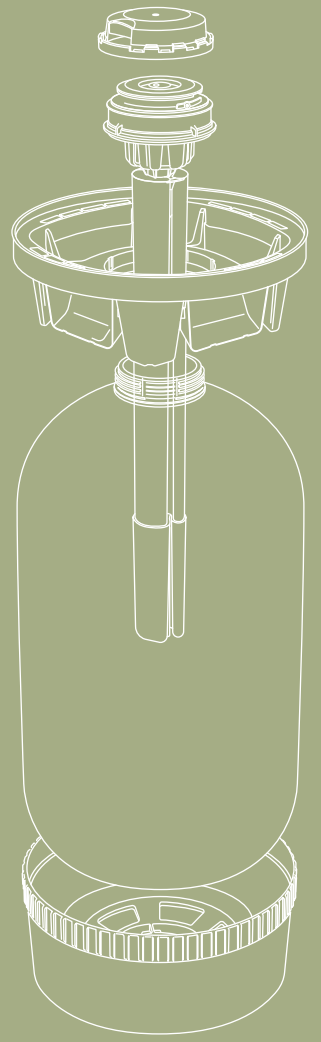
POLYKEG **PRO 2.0**
FULLY SUSTAINABLE

EASY TO DISASSEMBLE

Thanks to the innovative eco-design, PolyKeg PRO 2.0 can be easily disassembled into various components and materials, everywhere and without using any power.

DECENTRALIZATION

PolyKeg® developed a modular and compact production process that allows to decentralize the production of our kegs as close as possible to the target market, and in some cases directly in-house. This innovative solution makes possibile to cut down secondary packaging and improve handling and logistics.



RAW MATERIAL OPTIMIZATION

PolyKeg PRO 2.0 kegs have been designed to optimize the quantity and type of materials used, avoiding metal components. This is the best solution to optimize the recycling process and the reuse of materials.

RECYCLED MATERIAL

The Polykeg PRO 2.0 keg is certified by the accredited body "Plastica Seconda Vita" and contains up to 41.7% recycled plastic, depending on the format.

LOGISTICS

The PolyKeg PRO 2.0 range has been designed to maximize the quantity of kegs per pallet, truck or container, resulting in reduced storage space and costs, handling and transport.

MADE IN ITALY

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CERTIFIED ISO 14001

CERTIFIED ISO 45001

CERTIFIED ISO 9001

plastica seconda vita MIX ECO

BRCGS Packaging and Packaging Materials CERTIFICATED

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