

For more specific informations about the product or the company please visit www.kegsolutions.it or get in touch directly with Keg Solutions at the contact details below.

General dimensions @ 23°C 1.0 bar



KS	KS 20	KS 20+	KS 24	KS 24+	KS 30	KS 30+
Height (mm)	610	610	610	610	690	690
Diameter (mm)	250	250	270	270	285	285
Empty volume 1atm (L)	20	20	24	24	30	30
Total weight empty keg (Kg)	1,3	1,4	1,4	1,4	1,4	1,4

Overall

The KS keg is an innovative disposable container, made mainly by plastic material, for drinks on tap. It's suitable for beverages such as beer, wine, coffee and other liquids.

The KS kegs are perfect for non, low or medium carbonized beverages, for high carbonized beverages (like high carbonized beers, Champagnes etc.) need to be checked on demand. Beers that carbonize into the kegs can't exceed 3 bar (43,5 psi) of pressure in the process, for security issues.

The keg is usable only once and must be disposed in separated waste collection, except for the internal springs that need to be collected in the undifferentiated garbage.

The bag inside the keg allows a significant increase of the shelf life of the beverages, absorbing the oxygen and preventing the liquid from the thrust gas. The transparency enables the user to check the content at any time and the UV screen avoids the UV radiation to spoil the content.

Composition

External Handle/pedestal: PP**

Locking ring: PP**

Bottle: PET

Central valve: POM*

Other valve elements: POM*

Thin cane: LDPE*

Tube: LDPE*

Bag Tap: LDPE*

Bag: Multifilm PA PE*

Springs: INOX AISI 316*

Black seal: NBR FDA

White seal: silicone*

*Suitable for food contact / food grade

**Recycled

Food Contact

The bag is not sterile, however every bag pass through an antibacterial process and samples from each lot are taken and analyzed by the lab. KS Kegs are sold pressurized with N and CO2 inside.

All materials intended for direct food contact have been tested on their overall migration in accordance with Reg. CE 1935/2004 and FDA Regulations. All components marked with an asterisk * are in compliance with the EU regulations (Reg. CE 10/2011 and subsequent regulatory updates), as well as other countries, regarding the use of plastic materials that come into contact with foodstuffs. Materials are produced in accordance with Reg. CE 2023/2006. (Good manufacturing practices in the packaging industry). All components in touch with the beverages are handled in a protected environment and are made without use of dyes (neutral color).

Certificates of compliance are available on request.

Shelf life

KS empty: 9-12 months
KS full: based on the content and the model, about 9 months
All kegs maximum internal pressure: 3,0 bar / 43,5 psi
Temperature use range: 0-40 °C / 32-104 °F
O2 PET permeability test after 1 month = < 0 cc/m2/24h
O2 PET permeability test after 8 months = 0.60 cc/m2/24h

Connections and filling

The KS is available with the quick connector “sankey” (S) type and can be used either with compressed air, CO2 or others.
The Keg must be filled with Keg Solutions authorized filler machines only. The Keg can be isobaric filled manually or automatically.

Depressurization

The depressurization of the keg is mandatory to do at the end of the use and easy, thanks to a thin blind-hole located in the white valve, breakable through with a common screwdriver or punch tool.

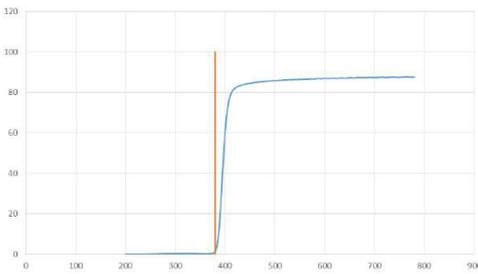
Safety Operating Instructions

- For a safe and proper use of the KS kegs contact Keg Solutions to the contact details below.
- Do not try to edit, cut or tamper the Keg.
- Do not try to open the trunk or unscrew the black protective locking ring.
- Store the KS kegs both full or empty in a cool and dry place at a temperature between 0 ° and 40 ° (32-104 °F), sheltered from sunlight and away from heat sources.
- The KS kegs can be used only once. Do not use the keg if it is already used.
- Do not use with connector that are not S “sankey” type.
- Do not use the keg if clearly modified or in the absence of all original Keg Solutions parts.
- In the presence of foam inside or outside the inner bag do not use the Keg.
- Do not use the keg when is not pressurized at the time of delivery.

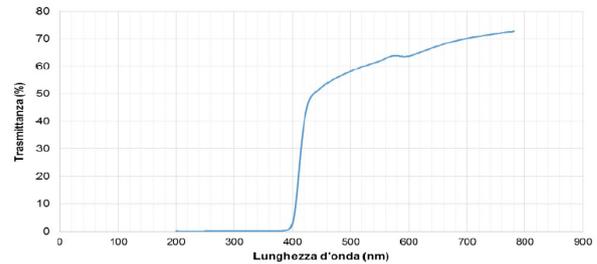
UV screen technology

Keg Solutions has registered the invention of the transparent Keg with the light screen. The shield is made with a special additive, mixed with the plastics, which absorbs completely the UV rays and permits the transparency of the Keg avoiding the "skunky effect". The shielding is certified by CSI spa "Recording of the light transmittance curve in the region of the near UV and visible through conduct optical measurement with a spectrophotometer Perkin Elmer UV / VIS Lambda 35 Spectrometer".

Full data can be seen on demand.



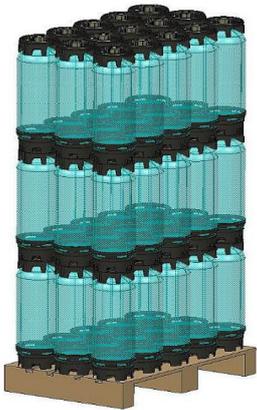
UV rays shield test efficacy after 1 month = 100 %



UV rays shield test efficacy after 8 months = 100 %

Logistics

All KS kegs are shipped on pallets or a two-pieces boxes.



Each pallet can carry 45-60-75 or 100 units for KS20 or 36-48 kegs for the KS24, three or four row stackable up to three or four (depends on the courier), either empty or full.

Optional Branding

Keg Solutions offers the service of placing the logo of the company in relief on the external plastic in the middle of the amber wall, or optionally printed inner bags visible when keg is full.

Other options include a stretch-sleeve label outside the keg or customized color of the handle and base.

Disposal

The KS kegs are designed to give a minimal impact on the environment, projected to decrease CO2 emission, reduce transport cost and pollution.

The empty keg is 100% recyclable and has a high recycle value.

This product is 100% compliant to the EU Directive 94/62/EC.



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