

Innovative **Beer Kegs** and Tapping Systems

Metal Packaging Solutions



Adding Value Innovation in Metal

Ardagh Group

Ardagh is one of the world's largest packaging companies, operating in the food, beverage, pharmaceutical, industrial and consumer care markets.

As a market leader we are driven by expertise, quality and commitment to continuous improvement. We aim to deliver differentiated products with real shelf appeal: tailored solutions with innovative shaping, printing and convenience features.

Innovation is at the heart of everything we do, from design and development to raw material reduction and energy efficiency. Ardagh is committed to pioneering new packaging products and manufacturing processes. Together with significant investment in research and development, this is how we maintain our leading global position.

We continue to succeed in process innovation by focussing closely on three areas: lightweighting, down-gauging and operational excellence. Our aim is to create higher efficiencies, as part of our own production processes and those of our customers.

Average European steel
can recycling rate

76%



Why Metal?

As metal is a permanent material, it has excellent environmental credentials. Permanent means that metal recycles forever. When metal products reach the end of their useful life, the materials are simply collected and recycled, again and again, with no loss of their inherent properties and so will always be available for future generations.

Today, 76% of metal packaging is recycled in Europe, making it the most recycled packaging (source: MPE) And because of these credentials, metal packaging is the perfect example of a circular economy!

Performance & Benefits

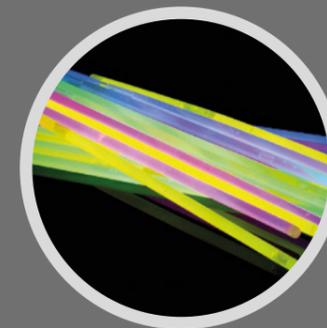
- Metal has a superior branding surface to enhance your brand
- Metal is unbreakable, impact-resistant and puncture-resistant
- It provides a total barrier against light, gas and oxygen
- It is impermeable and tamper proof
- Metal packaging requires no refrigeration and has an unrivalled shelf life
- Through a wide range of designs, metal packaging offers an excellent shelf presence
- BPA-NIA

We provide tailored metal packaging solutions with **innovative shaping, printing and convenience features.**

Endless Decoration Possibilities

- High definition printing on state-of-the-art 6 colour lines
- 2400 dpi
- Matt or gloss effects
- Thermochromic ink (cold / heat)
- Photochrom printing colours
- Glow in the dark (black light)
- Photographic images

Special Effects



Ultraviolet Effects

Glow in the Dark



Photographic

High Definition Reproduction



Thermochromic

Touch & Reveal

Party Kegs 3.1 and 5 litre

Discover the party keg - an innovative solution for serving draft beer at home for a birthday party, BBQ or any other special occasion.

The convenient tapping technologies of our Party Keg allow an easy and professional way to serve a freshly tapped beer or any other beverage.

Innovative New Tapping System

Benefits

- Pull handle & tilt tap handle for a continuous beer stream
- Same tapping sensation as a draught beer
- Smooth, stepless beer stream adjustment
- Tap can be easily pushed back into the keg for easy storage
- Clear originality seal integrated in the tap
- Easy to follow infographics on the tap



Scan to watch our New
Tapping System in Action



Keg Closures

Our range include the 'keg-fresh' special closures, a combination closure for ventilating and broaching, and die-injected with an originality seal.

Our Kegs are available with our new venting mechanism:

- Vent by easy opening of the plug
- Plug airtight resealable to guarantee extended shelf life of the beer by several days after opening
- Suitable for a standard spear
- The stamped bottom of the plug remains connected to protect the contents of the keg

OPEN Freshness Seal



PULL



TAP

Top Keg Plus 3.1 and 5 litre

Discover Top Keg Plus - a new way of tapping with an integrated compensator taplever

The CO₂ pressure control system keeps your chilled beer fresh for up to 30 days! The innovative tapping system allows for a professional tapping experience.

The CO₂ cartridge can be activated by simply turning the activation button. Regulation of the jet and foam by the compensating valve. Easy to carry, with the integrated ergonomic carrying handle.

Top kegs can be filled on existing filling lines, no extra investment required.

Top Keg Plus Specifications

- Easy and convenient to use
- Extendible pipe & tapping lever
- Can be used up to 30 days after tapping the first glass
- Constant internal pressure
- Regulation of foam / flow rate by compensation valve
- High brand exposure through high quality print opportunities
- Suitable for any type of beer or other beverages
- Top available in multiple colours



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