

PolarIce Ltd

Ireland's Leading Manufacturer
and Supplier of Dry Ice



Our Dry Ice Products

Dry Ice Pellets

Manufactured for use in the beverage and food industry, this food grade dry ice may be used directly in the processing of foodstuffs. Dry Ice Pellets are also ideal for smaller-scale needs or one-off storage or delivery purposes. Universities often use dry ice pellets in experiments or for small-scale storage. Dry ice pellets are also used to make mist effects for entertainment purposes.

Available Diameters:	Length:	Weight:
6mm, 9mm, 16mm	Varies 2cm - 6cm	Units of 10kg



Dry Ice Slices

High density, long lasting dry ice slices, customised for the airline and pharma industry. Rectangular and square solid pieces of dry ice. Dry ice slices are often used in the storage and/or transportation of perishable goods such as food or medical supplies. Each slice is individually wrapped for ease of use and to reduce sublimation levels.

1kg Slice:	Half Slice:	Puk:	Weight:
8" x 5" x 1" (1kg unit)	4" x 5" x 1" (0.5kg unit)	5" x 5" x 0.5" (0.4kg unit)	Units of 10kg



Dry Ice Blocks

Dry ice blocks are generally used for freeze branding, industrial usage, shipping, and specialised smoke machines. Due to their size, dry ice blocks will last longer than a similar amount of slices or pellets. This makes blocks ideal for long-lasting shipping or storage.

Block:	5" Brick:	2.5" Brick:	Slab:
8" x 5" x 10" (10.5kg unit)	4" x 5" x 5" (5.2kg unit)	4" x 5" x 2.5" (2.5kg unit)	8" x 2.5" x 10" (5.2kg unit)



Drice Pellets

High density (1.6g/cm³), cylindrical 3mm dry ice pellets (shown on the left of the image) are developed exclusively for dry ice blasting.

Available Diameters:	Length:	Weight:
3mm	Varies 2cm - 6cm	Units of 300kg



What We Do

A family business established in 1996, Polar Ice is recognised as the leading manufacturer and supplier of Dry Ice in Ireland. With state of the art manufacturing equipment and processes, Polar Ice

manufacture dry ice to a food-grade standard and are certified to BRC v7 and ISO 9001:2015. Our exacting standards make us the approved dry ice supplier to some of the country's top food producers and meat processors. Polar Ice also

supplies the pharma, bio-pharma, airline catering, and industrial cleaning industries. Recipient of numerous awards including Business All-Star Accreditation, Ulster Bank Business Achievers Award - Women Led Business Award (Leinster), and Offaly Enterprise Innovation Award, and Finalist in the National Enterprise Awards.

Our Management Team



ALISON RITCHIE

Managing Director
BBS, CPA, CTax

FINANCE & STRATEGY

Founding member, Alison has a Business Degree from DCU, is a qualified Financial Accountant (CPA) and certified Tax Advisor. Named WMB Entrepreneur of the Year 2016, Accountant of the Year 2017, and All Star Thought Leader - Enterprise Development 2018.



ROBERT POWELL

Director

MANUFACTURING & MAINTENANCE

Robert's expertise is in the areas of production, maintenance, and quality. He has studied Quality Assurance at IT Carlow, First Line Management at NCI, Business Studies at IPA and holds Lean six sigma green belt.



DENISE RYAN

Operations
Manager

TRANSPORT & QUALITY

Denise graduated from IT Carlow specialising in National and International Road Transport Operations Management and Certified in Logistics. Further study was undertaken in QA with emphasis on the ISO 9000/QMS and implementation of the BRC Standard.



MICHAEL KILDUFF

Non-Executive
Director

BUSINESS DEVELOPMENT & COMPLIANCE

Michael has a BSc in Mathematics & Physics from Imperial College of London. He has 10 years involvement in Research and Consultancy with Irish Industry, and 36 years with a major industrial gas company in a variety of senior management roles.



Manufacturing Expansion and Development

Our 12,500 sq. ft. manufacturing facility is centrally located in Portarlinton, Co. Laois. We have a manufacturing capacity of 30 tonnes of dry ice per day, and on-site storage of 100 tonnes of CO₂ gas.

Polar Ice is certified to quality standards BRC v7 and ISO 9001:2015.

With our strategic investment in state of the art manufacturing equipment, Polar Ice has achieved food grade status. We have established five production lines and a CO₂ gas revert recovery system.

We offer a variety of insulated dry ice packaging; ranging from 3.5kg capacity polyboxes to 400kg capacity rotomolded containers.

We conduct regular dry ice container maintenance, inspection, and cleaning as part of our strict quality assurance standards. We consistently achieve the highest grade in our BRC Quality audits.





Online Stores

Polar Ice Ltd. developed Dryice.ie to enable domestic, leisure and infrequent users of dry ice to easily buy smaller quantities of dry ice online. This online store offers a range of dry ice products, gel packs, storage cartons, shipping labels, and PPE equipment.

Polarice.ie and Polarice.co.uk have online stores for large-scale industrial users. Offering bulk quantities of dry ice products (100kg+) for sale, with delivery in highly insulated polyethylene containers.

Transportation and Delivery

Polar Ice operates its own fleet of HGV and LGV vehicles for bulk dry ice deliveries. We cover over 5,000 km each week, allowing us to meet all dry ice requirements throughout the island of Ireland.

Guaranteed next-day delivery and providing same-day urgent service ensures that we consistently meet our customers' needs.

Our transport is accredited to the Freight Transport Association of Ireland (FTA) quality standard.





Contact Us

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