

Products

Solid blocks weighing about 4 – 6 kg with the approximate dimensions 7"x 7"x 7"
 Bigger sizes of Dry ice blocks weighing more than 10 kg is also being made.

Applications

1. In-transit refrigeration of foods, ice cream, pharmaceuticals and other temperature-sensitive materials (like vaccines).
2. Process cooling during chopping / blending / mixing / mincing / grinding operations of meat.
3. Dry ice blasting cleaning system for moulds, machinery, buildings etc.etc.
4. Shrink fitting metal components for an interference fit e.g. axles into gear wheels.
5. Production of fog effects for theatres, discos etc.
6. Quick and convenient source of inert gas for purging fuel tanks etc.
7. Freeze-branding livestock.

Safety

Intensely very cold and hence contact with bare skin should be avoided. Carbon dioxide gas is heavier than air and is an asphyxiant - care should be taken to avoid accumulation at low levels or in confined spaces. Coldry must not be placed in tightly sealed containers. Sufficient care (ie) vents must be provided to allow the gas evolved to escape.

Dry Ice Standards

Colour	Translucent White
Odour	Slightly Pungent
Taste	Acidic / Biting
Toxicity	recommended max. 0.5% v/v for continuous

Working Condition

Temperature of Solid Dry Ice	(-) 78.3°C
Sp. Heat of Solid Dry Ice	0.32 btu / °F
Density	97.6 @ (-) 78.3°C
Vapour Pressure of CO2	14.7 @ (-) 78.3°C
Latent Heat	246.7 btu / @ (-) 78.3°C
Sublimation Point	(-) 78.5°C / (-) 109.2°F @ atm. Pres.
Block Size	210 x 150 x 110 mm
Block Shape	brick shape
Block Weight	5-6 kgs
Mol. Weight	44.01
Sp. Volume	1m ³ / 1500 kgs
Gaseous	CO2
Liquid	CO2

