

# Technical Data Sheet

## Black Ice™ Aerosol

Fast Drying, Cleaner/Graphite Lubricant

### Product Description:

Utilizing the power of graphite . a natural friction-reducing mineral . Superior Graphite has developed Black Ice® . Combining a unique solvent cleaner with a friction reducing graphite powder, Black Ice first cleanses the surface, and then deposits a layer of pure, lubricous graphite powder. This is not graphite paint. This aerosol product has been engineered not to buildup on the surface, but rather effectively coat and deliver graphite powder where it is specifically needed.

### Product Characteristics:



Physical Properties	Typical Range
Carrier	Solvent
Color	Light Grey
Fluid Consistency	Thin, Aerosol
Measured Viscosity, (centipoises)	< 500
Flash Point Temperature	NA
Dry Time (tack-free), (min)	2-8 @ 70°F/21°C
Dry Time (complete), (min)	10-15 @ 70°F/21°C
Average Application Coverage, (ft²/can)	Varies
Effective Temperature Range, (Minimum)	-75°F/-59°C
Effective Temperature Range, (Maximum)	450°F/232°C
Suggested Application Ambient Temperature Range	50 - 100°F (10 - 38°C)
Shelf life under original seal	Unlimited under original seal



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### Advantages:

- Contact cleaner/powder graphite lubricant removes grease, dirt, oil and previously applied lubricants, and keeps them from returning with dry film technology.
- Proprietary binder system leaves a thin coating of dry graphite powder that will not build up and binds to metal pores, providing long-lasting lubrication
- Allows sliding mechanisms to move freely under all environmental conditions, reducing wear and premature part failure
- Effective in temperature extremes
- Thermally conductive to dissipate heat and cool weapons faster
- Prevents binding and galling
- Straw applicator focuses concentrated blasts
- Ideal for personal or crew serviced weapon systems

### Preparation:

- **Thoroughly mix and agitate can prior to use.** It is important the can be properly agitated for 1-2 minutes with the mixing balls inside rattling. This makes sure the optimal coating is produced when sprayed.
- **Prepare your surface.** Remove any loose debris, mud, loose paint, rust or grit as best as possible with compressed air or small brush.

### Storage and Handling Information:

- Store away from excessive heat and in original packaging.
- Material is black, or silver-grey in some instances, and these color variations are normal. Keep away from light colored clothing.
- Graphite is electrically conductive and may lead to electrical shorts and damage. Please be careful working with this product around electricity or sensitive electrical equipment.

Consult SDS for information on disposal of unused materials, and safe handling practices.

ORDERING/SHIPPING INFORMATION	
AVAILABLE PACKAGING (product ordering code)	12-6oz Cans: <b>36002</b>
CASE SHIPPING WEIGHT (kilograms)	<b>12-6oz:</b> 8LB (3.6)