

Britex® CL

Cast Booster

DESCRIPTION

The Britex® CL is a pentolite cast booster used for initiating blasting agents in surface mining, quarries, and construction blasting. The booster has either a plastic (CL150 and CL250) or a cardboard (CL450 and CL900) shell with plastic endplates that provide extra protection from physical damage over conventional cardboard shells without endcaps. The series ranges in size from 1/3lb (150g) to 2lb (900g).





Britex® CL TECHNICAL CHARACTERISTICS

Explosive Type	Pentolite				
Density (g/cc)	1.62 ± 3%				
Detonation Pressure (GPa)	22.5				
Detonation Velocity ft/s (m/s)	24,600 ± 3% (7,500 ± 3%)				
Energy (kJ/kg)	6,100				
Water Resistance	Excellent				
Transport and UN Numbers	UN 0042 Class 1 Division 1 1.1D EXPLOSIVE 1.1D				

Britex® CL DIMENSIONS AND CASE QUANTITIES

Product	Unit Weight	External Diameter	Length	Shell Material	Units per Case	Case Weight
CL150	⅓ lb	1.5"	5"	Plastic	150	49.6 lb
CL250	½ lb	1.9"	5.2"	Plastic	90	49.6 lb
CL450	1 lb	2.6"	5"	Cardboard	51	50.7 lb
CL900	2 lb	3.3"	5.3"	Cardboard	26	51.6 lb

Case Dimensions: 18.1" x 14.1" x 9.4" or $\ 46\ x\ 36\ x\ 24\ cm$

Britex® CL RECOMMENDED USES

The Britex[®] CL boosters must be initiated with either a #8 strength (USBM) (or greater) detonator or at least 50 gr/ft (10 g/m) detonating cord. The Britex[®] CL boosters do not contain a sensitizing bottle or balloon and will not reliably detonate with 25 gr/ft (5 g/m) or less detonating cord.

Britex® CL STORAGE AND SHELF LIFE

Keep in original packaging and store in approved Class 1.1D rated magazines under cool, dry, and well-ventilated conditions.

Unused product has a 60-month shelf life.

Products described herein are potentially hazardous and must be used in accordance with applicable health and safety standards, federal and state laws, rules and other statutory or regulatory provisions. Personnel using Britex® CL Boosters should undertake specific training in the use and handling, relevant to their application. The manufacturer cannot anticipate all of the possible applications for its products. The information is believed to be accurate, though no warranties are made, expressed or implied.