



Product Fact Sheet

Apex Super 7000

Packaged, Booster Sensitive Watergel Explosive

Apex Super 7000 is a non-detonator sensitive explosive designed to meet the needs of both surface and underground applications. It is a high density booster sensitive aluminized product that is effective where extremely hard blasting conditions exist.

PROPERTIES AND SPECIFICATIONS

Density:	1.42 g/cc
Velocity:	5,300 m/s @ 4° C in 125 mm diameter - confined
IDeX* Ratings:	Relative Weight Strength (RWS) 124
	Relative Bulk Strength (RBS) 209
Fume Class:	Class 1; Acceptable for underground use
Explosives Classification:	Class 1.1D UN 0241
Shelf Life:	Two (2) years from date of manufacture when stored under moderate temperatures and dry conditions in a well ventilated, approved explosives magazine.
Water Resistance:	Excellent
Priming Requirements:	454 g cast booster or equivalent. Holes smaller than 100 mm should be primed at 3 m intervals. Detonating cord may adversely affect the performance of Apex Super 7000 and could result in misfires. Consult an Orica representative before attempting to use with detonating cord.
Hydrostatic Pressure Resistance:	Acceptable for use under 56 meters (184 feet) hydrostatic pressure head, or 552 kPa (80 psi).
Temperature Requirements:	Fresh product is reliable down to -10° C at 75 mm primed with a 454 g cast booster.

CARTRIDGE COUNT (25 kg case weight)

Diameter (mm)	75	90	125	150	200
Length (mm)	400	400	700	610	596
Cartridge Count	10	7	2	2	1

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