



PRODUCT INFORMATION

BROCHURE

1.1D

DYNAMITE SERIES



Austin Powder Company's **dynamites** are specially formulated nitroglycerin based products that deliver superior results in many blasting applications. Their high quality and excellent energy characteristics make them an effective and efficient product.

PRODUCT OVERVIEW

TECHNICAL DESCRIPTION

Nitroglycerin based products.

PRIMING

Use a high-strength detonator (Rock★Star®, Shock★Star® or equivalent).

ADVANTAGES

- Excellent water resistance.
- High velocity for rapid shattering action.
- All purpose explosive for many types of blasting.
- High density permits explosive power to be concentrated where the most energy is required.

PROPERTIES

Properties		Apcogel B-1™ (Semi-Gel)	60% Extra Gelatin
Density [g/cc]		1.26	1.43
Detonation Pressure [kb]		125	104
Relative Bulk Strength ‡		144	195
Fume Class		1	1
Water Resistance		Good	Excellent
Velocity of detonation	[ft/s]	15,400	17,700
	[m/s]	4,694	5,395

‡ Energy is calculated using TIGER, a thermo-dynamic computer code used by Austin Powder Company. Other computer codes may give different values. ANFO = 100 @ 0.82 g/cc.

STANDARD PACKAGING DETAILS

Cartridge Style	Cartridge Size		Weight – Lbs. per Case	Sticks per Case
	[in]	[mm]		
60% Extra Gelatin	1 x 8	25 x 200	45	140
	1 1/8 x 8	28 x 200	45	100
	1 1/4 x 8	32 x 200	44	88
	1 1/2 x 16	38 x 400	42	30
	2 x 8	50 x 200	43	34
	2 x 16	50 x 400	43	17
	2 1/2 x 16	65 x 400	40	10
Apcogel B-1	1 1/4 x 8	32 x 200	38	88
	1 1/2 x 16	38 x 400	36	30
	2 x 8	50 x 200	39	34
	2 x 16	50 x 400	39	17
	2 1/2 x 16	65 x 400	37	10

Note: All dimensions and weights are nominal.

SHELF LIFE, STORAGE & DISPOSAL

- Shelf life is one year from the date of manufacture under good storage conditions.
- Store in accordance with all applicable local, state, provincial and federal laws.
- Disposal of explosive materials can be hazardous. Methods of safe disposal of explosives may vary depending on the user's situation. Please contact an Austin Powder Technical Representative for information on safe practices.

TRANSPORT – UN CLASSIFICATION

Shipping Name: Explosive, Blasting, Type A
Class & Division: 1.1D
ID Number: UN 0081

US DOT REFERENCE NUMBER

EX-9303286

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AUSTIN POWDER

Our Mission is to improve the world we live in through the safe and responsible use of explosives.