

Hydromite® 880 Series

PRODUCT INFORMATION BROCHURE

Hydromite 880 Series is a blasting agent emulsion/anfo blend explosive with a putty like texture, packaged in plastic film cartridges.

ADVANTAGES

- Choice of energies to match rock conditions.
- Develops excellent gas volume for heave and displacement
- Good borehole coupling characteristics when cartridge is cut and tamped.
- Excellent water resistance in all grades.
- Superior resistant to dynamic pre-compression.



PROPERTIES

Product	Density [g/cc]	RBS [‡]	Water Resistance	VOD	
				[ft/s]	[m/s]
Hydromite 880	1.26	122	Excellent	15,800	4,850
Hydromite 883	1.27	138	Excellent	15,500	4,725
Hydromite 886	1.27	154	Excellent	15,300	4,630

[‡] 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.

PRIMING

These products must be in direct contact with an appropriate size Red-D Prime™ or cast booster (recommended minimum 1/3 lb). Additional primers may be required depending upon borehole or geological conditions.



AUSTIN POWDER

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STANDARD PACKAGING DETAILS

Cartridge Style	Cartridge Size		Cartridge Weight		Case Count 50 lb / 22.5 kg
	[in]	[mm]	[lb]	[kg]	
Plastic Film	2 x 16	50 x 400	2.38	1.08	21
	2 ¼ x 16	56 x 400	2.63	1.19	19
	2 ½ x 16	63 x 400	3.33	1.51	15
	2 ¾ x 16	69 x 400	4.17	1.89	12
	3 x 16	75 x 400	5.00	2.27	10
	3 ¼ x 16	81 x 400	5.56	2.52	9
	3 ½ x 16	88 x 400	7.14	3.24	7

Note: All dimensions and weights are nominal.

STANDARD TECHNICAL DESCRIPTION

Booster sensitive emulsion/anfo blend

STORAGE

Store in accordance with all applicable local, state, provincial and federal laws.

SHELF LIFE

Six months from date of manufacture under good storage conditions.

TRANSPORTATION DATA

UN CLASSIFICATION

Shipping Name: Explosive, Blasting, Type E

Class & Division: 1.5D

ID Number: UN0332

US DOT REFERENCE NUMBER

EX-2005010243 Hydromite 880

EX-2005010258 Hydromite 883

EX-2005010259 Hydromite 886

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For more information and service locations in your area, please contact Austin Powder Company's headquarters:



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