



PRODUCT INFORMATION

BROCHURE

1.1D

ENVIROSEIS®



Enviroseis is a detonator sensitive, high viscosity explosive packaged in paper shells or rigid plastic cartridges.

ADVANTAGES

- High detonation velocity produces excellent seismic pulse images.
- Does not contain molecular explosives, nitroglycerin or perchlorates.
- Predominate detonation by-products are water vapor, carbon dioxide and nitrogen.
- Desensitizes and decomposes in shorter time period as compared to conventional seismic explosives.

PRODUCT OVERVIEW

TECHNICAL DESCRIPTION

Detonator sensitive emulsion.

PRIMING

Use a high-strength detonator (Static★Star®, E★Star® Seismic or equivalent) containing a minimum 450mg PETN base charge.

PROPERTIES

Properties	Value	
Density [g/cc]	1.16	
Temperature Sensitivity	-20 F / -29 C	
Pressure [kb]	100	
Water Resistance	Excellent	
Velocity of detonation	[ft/s]	19,200
	[m/s]	5,910

STANDARD PACKAGING DETAILS

Cartridge Style	Cartridge Size		Cartridge Weight		Case Count	Case Weight	
	[in]	[mm]	[lb]	[kg]			
Paper Tube	*	27 x 1/8 kg	0.28	0.13	160	44	20
Plastic Cartridge	*	51 x 1/4 kg	0.55	0.25	80	44	20
Plastic Cartridge	*	51 x 1/2 kg	1.10	0.50	40	44	20
Plastic Cartridge	*	51 x 1 kg	2.20	1.00	20	44	20
Plastic Cartridge	2 1/4 x 1.1 lb	*	1.10	0.50	40	44	20
Plastic Cartridge	2 1/4 x 2 1/2 lb	*	2.50	1.13	20	50	22.7
Plastic Cartridge	2 1/4 x 5 lb	*	5.00	2.27	10	50	22.7
Plastic Cartridge*	*	60 x 1/2 kg	1.10	0.50	40	44	20
Plastic Cartridge*	*	60 x 1 kg	2.20	1.00	20	44	20
Plastic Cartridge*	*	60 x 2 kg	4.40	2.00	10	44	20

* 60 mm Plastic Cartridge has a threaded fast lock connector.

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 E
 Class & Division: 1.1D
 ID Number: UN 0241

US DOT REFERENCE NUMBER

EX-9305177

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AUSTIN POWDER

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

Austin Powder, 25800 Science Park Drive, Cleveland, OH 44112 USA
austinpowder.com | info@austinpowder.com | Phone 1-800-321-0752 | Fax 1-216-464-4418