



PRODUCT INFORMATION

BROCHURE

1.4B

PRESSURE RESISTANT OIL DETONATORS



A-96L | A-105

This family of detonators is used for applications where the detonator is exposed directly to the oil well environment. These detonators are specially designed to withstand both high-temperature and high-pressure environments. They are also resistorized to be immune to sources of unwanted electric energy. The A-105 detonator is also offered in the A-105-100 version - with a bigger adapter capable of accommodating 100-grain detonating cord.

PRODUCT OVERVIEW

PROPERTIES

Properties	A-96L	A-105
Length (inch)	2.5	3.6
Diameter (inch)	0.3	0.3
Wires (4 ft Cu 22 gauge)	Nylon	Nylon
Base charge	7.8 grain RDX	15.4 grain RDX
Resistance (Ω)	52-59	52-59
No fire current (A)	0.2	0.2
All fire current (A)*	0.6 to 3.0	0.6 to 3.0
Electrostatic immunity**	25 kV / 2,500 pF	25 kV / 2,500 pF
Temperature ($^{\circ}$ F)***	- 40 to 350	- 40 to 350
Water pressure (Psi/4 hours)	14500	14500
Detonating cord adapter	No	80 grain

* single detonator; ** double leg to shell; *** rated for 1 hour

PACKAGING

Type	Units / box (pcs.)	Brutto / Box (kg)
A-96L	500	14.9
A-105 (A-105/100)	500	15.6 (16.4)

Box size: 22x13.5x11.5 in (560x340x295 mm)

HANDLING

Keep detonators away from children. For use by authorized personnel only. Always dispose of detonators using proper methods. Consult your supervisor or Austin Powder representative.

SHELF LIFE, STORAGE & DISPOSAL

- Detonators must be stored in an approved magazine located to conform to state and local laws and regulations.
- The storage magazine should be well built, well ventilated, clean, dry, fire resistant and securely locked when not in use.
- Detonators should never be stored in the same magazine with other explosives.
- Shelf life (at temperature between -40° F and +140° F) is 5 years.

TRANSPORT - UN CLASSIFICATION

Shipping Name: Detonators, electric, for blasting
 Class & Division: 1.4B
 ID Number: UN0255

US DOT REFERENCE NUMBER

EX19511002

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