

Pressure resistant oil detonators

A-96L | A-105

PRODUCT INFORMATION BROCHURE

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.



SPECIFICATIONS

Type	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



AUSTIN POWDER

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STORAGE

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.

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.

PACKAGING

Classification 1.4B, UN 0255

Box size: 22x13.5x11x5 in (560x340x295 mm)

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

TRANSPORTATION DATA

Shipping Name: Detonators, electric, for blasting

Class & Division: 1.4B

ID Number: UN 0255

US DOT REFERENCE NUMBERS:

A-96L	A-105 (or A-105/100)
EX19511002	

Contact your local Austin Powder representative for further information.

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AUSTIN POWDER

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