

DANIEL OILFIELD TOOLS, INC.

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Product Overview

The Daniel Oilfield BP-3/BP-4 primary igniters are a radio-frequency/safe igniters used in wireline pressure setting assemblies. The BP-3/BP-4 igniters are deployed in #10 and #20 setting tools and offers temperature resistance for safe and reliable operations. The BP-3/BP-4 igniters contain a military grade resistor, which requires electrical voltage to establish a current high enough to initiate the primary igniter reducing the risk of accidental initiation due to radio frequency induced (RFI) currents, and meets API RP67 regulations. Along with a proven resistor, the screwed together design requires less firing current and offers improved reliability compared with outdated crimped models. Daniel Oilfield Tools conducted extensive testing on the BP-3/BP-4 igniters to improve reliability when exposed to high frequency vibration. The igniters endured repeated thermal cycling ranging from sub-zero temperatures to 400°F (204°C) and performed consistently when used in horizontal multistage pump-down applications. It exhibited no leakage past the center electrode after initiation at 20,000 psi (1379 bar) and 400°F, reducing HS&E risks and making the igniter ideal for a wide range of downhole environments



Applications

Unconventional and conventional reservoirs
Deep-water wells

With WLPSAs to initiate power charges for
completion packers and bridge plugs

With chemical cutters and perforating assemblies

BENEFITS

Better Material

Better Design

Reusable

HP/HT

Cost Less

Quantity per box	50 pcs
Gross Weight per box	2 Kg
Net Weight per Box	1 Kg
NEC per Box	0.06 Kg
Dimensions of Box	33 x 32 x 24
Product Weight	20 g
Package Type	Carton + Vaccum Bag