INTRODUCTION

The ADP-PX16-242, Safe Fire PX-1 Initiation System utilizes Exploding Bridgewire technology to increase safety during firing operations.

Incorporation of the EBW into the Firing Systems adds increased safety against rig-site hazards such as R-F transmitters, cathodic protection, and stray voltages. The PX-1 EBW fireset allows normal oilfield operation to continue while perforating and other completion services are being performed.

All safety rules and regulations should be strictly followed when storing, handling, assembling, and using these tools and/or detonators. Safety precautions should be taken in accordance with your company’s safety policies, governmental regulations, and the American Petroleum Institute Recommended Practice 67 (API RP-67).

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
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<tbody>
<tr>
<td>PRESSURE RATING</td>
<td>12,500 psi</td>
<td>86.2Mpa</td>
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<tr>
<td>THREAD CONNECTION, TOP</td>
<td>1-3/16 - 12 UN</td>
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<tr>
<td>TOOL DIAMETER</td>
<td>1.69 in</td>
<td>42.9 mm</td>
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<tr>
<td>TEMPERATURE RATING</td>
<td>365 DEG F</td>
<td>185 DEG C</td>
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<tr>
<td>LENGTH</td>
<td>23 in</td>
<td>58.4 cm</td>
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## Safe Fire PX-1 (EFI) Initiation System
For Exposed Fluid Operations

### ITEM | PART NO. | DESCRIPTION
--- | --- | ---
1 | ADP-PX16-242 | Assembly, Exposed Initiation PX-1 Firing System (Includes items: 5-12, 19, 20)
2 | AES-AS80005 | 1-1/2" HP Firing Head (sold separately)
3 | ADP-PX16-245 | Sub Assembly, Double Contact, 1-11/16" OD
4 | OOO-V569-211 | O-Ring, Viton #211 - 2 required
5 | ADP-PX16-107 | Contact Assembly
6 | PUR-0610-008 | PX-1 Fireset with Wire Outputs
7 | SEV-1375-250 | Carriage, PX-1 Fireset
8 | PUR-0509-040 | 6-32 x 0.25 Pan Head Screw - 2 required
9 | ADP-PX16-119 | Detonator Housing
10 | OOO-V569-217 | O-Ring, Viton #217 - 2 required
11 | ADP-PX16-700 | Detonator Firing Sub
12 | OOO-V569-215 | O-Ring, Viton #215 - 2 required
13 | PUR-6100-006 | Temp Tape (sold separately)
14 | PUR-6100-011 | Mocap-Tape (sold separately)
15 | ADP-PX16-705 | Loading Cap, EFI Booster Tool (sold separately)
16 | ADP-PX16-284 | Firing Head Extension for 1-11/16" Shogun Systems (Sold Separately)
17 | PUR-0504-017 | Locking Set Screw, #10-32x1/8" Lg. (Sold Separately)
18 | ADP-PX16-224C | Firing Head Extension for Stim Gun, Shogun & String Shot (Sold Separately)
19 | TC-001-0003-000 | Rubber Grommet
20 | ADP-PX16-102 | TOP Housing
21 | ADP-PX16-123 | Spacer, 3/8" OD x 0.218" ID x 1/2"
22 | EFI-1000-005 | EFI Booster Assembly (sold separately)
23 | 2-300180-3 | EBW - CP Detonator (sold separately)
24 | * ADP-PX16-243 | Redress Kit (Includes items: 4-12, 17, 19)
25 | * TAG-1687-078 | BULL Plug/Blast Plug

**EFI-1000-005 - EFI BOOSTER ASSEMBLY**

### ITEM | PART NO. | DESCRIPTION
--- | --- | ---
22 | EFI-1000-001 | EFI Transfer Body Assembly
23 | EFI-0100-149 | EFI Booster Insert
24 | OOO-V569-113 | O-Ring, Viton #113
25 | OOO-V569-010 | O-Ring, Viton #010

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