

PAD

PRESSURE ACTIVATION DEVICES

OsecoElfab's Pressure Activation Devices provide a high-integrity, dependable solution for use in difficult downhole conditions.



OsecoElfab's Pressure Activation Devices (PAD) offer a high-integrity solution with superior leak-tightness, industry-leading burst tolerances and excellent corrosion resistance.

All PAD devices are PED compliant, accredited to a number of industry standards and can be manufactured to ISO 4126 or ASME XIII. Each rupture disc is manufactured using our in-house electron-beam welding capability to ensure a high-precision performance you can rely on.

The PAD range includes several disc variations, each suitable for different burst pressure ranges and application requirements:

PAD 1, PAD 2, PAD 3, PAD M1, PAD M2

Sizes	5mm, 8mm, 11mm
Thread	11/16 – 16, 24 & 32 UNF-2A
Burst Pressure Range	1,000 - 25,000 psig
Operating Ratio	90%
Maximum Temperature	235°C
Materials	Body: 316SS Rupture disc: Inconel 600

**Let us help you with all
your pressure relief questions.**

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TECHNICAL SPECIFICATIONS



PAD 1

Size	5mm (0.2")
Thread	11/16 – 24 UNF-2A
Burst pressure range	1000-24000 psi(g) in 500 psig increments
Maximum temperature	235°C (450°F)
Standard materials	Body – 316SS, Rupture disc – Inconel 600 (Others available on request)
Max. Operating Ratio	90% of minimum burst pressure
Back pressure resistance	Minimal, please contact OsecoElfab for advice

PAD 2

Size	5mm (0.2")
Thread	11/16 – 24 UNF-2A
Burst pressure range	1000-24000 psi(g) in 500 psig increments
Maximum temperature	235°C (450°F)
Materials available	Body – 316SS, Rupture disc – Inconel 600 (Others available on request)
Max. Operating Ratio	90% of minimum burst pressure
Back pressure resistance	Minimal, please contact OsecoElfab for advice

PAD 3

Size	5mm (0.2")
Thread	11/16 – 24 UNF-2A
Burst pressure range	1,000-9000 psi(g) in 500 psi(g) increments
Maximum temperature	235°C (450°F)
Materials available	Body – 316SS, Rupture disc – Inconel 600 (Others available on request)
Max. Operating Ratio	90% of minimum burst pressure
Back pressure resistance	70% of set burst pressure



PAD M1

Size	8mm (0.3")
Thread	11/16 – 32 UNF-2A
Burst pressure range	1,000-25,000 psi(g) in 500 psig increments
Maximum temperature	235°C (450°F)
Materials available	Body – 316SS, Rupture disc – Inconel 600 (Others available on request)
Max. Operating Ratio	90% of minimum burst pressure
Back pressure resistance	Minimal, please contact OsecoElfab for advice

PAD M2

Size	11mm (0.4")
Thread	3/4 - 16 UNF2A
Burst pressure range	1,000-25,000 psi(g) in 500 psig increments
Maximum temperature	235°C (450°F)
Materials available	Body – 316SS, Rupture disc – Inconel 600 (Others available on request)
Max. Operating Ratio	90% of minimum burst pressure
Back pressure resistance	Minimal, please contact OsecoElfab for advice