

PAD3 DATASHEET



PAD3

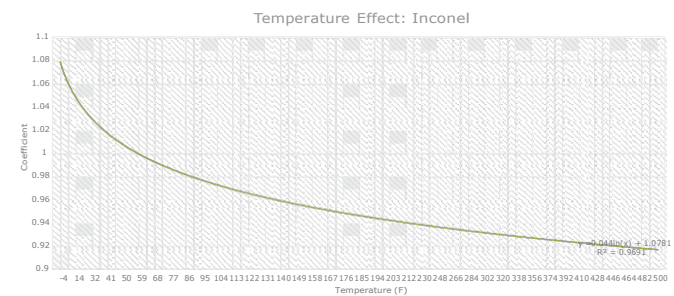
Elfab PAD3 rupture disc is suitable for burst pressures up to 9000 psig. The PAD3 discs are designed for activation from within the tubing or drill string and benefit from the capability of being able to withstand back pressure ratio of up to 70% of burst pressure. Using in-house electron beam welding capability Elfab ensure the PAD3 is a high integrity solution with superior leak-tightness. Standard materials of construction comprise of a 316 Stainless Steel body and Inconel 600 disc. Elfab Pressure Activation Devices (PAD) provide high dependency in difficult downhole conditions with industry leading tolerances and excellent corrosion resistance. The PAD devices are also accredited to a number of industry standards and accreditations. Elfab’s rupture discs are PED compliant and can be manufactured to ISO 4126 or ASME VIII dependent on customers’ requirements.

Specifications

MATERIALS OF CONSTRUCTION	Body – 316 Stainless Steel, Rupture Disc – Inconel [®] 600
MAXIMUM OPERATING RATIO	90% of minimum burst pressure
BACK PRESSURE RESISTANCE	Up to 70% of burst pressure
STANDARD BURST PRESSURE RANGE	1000-9000 PsiG in 500 PsiG increments
MAXIMUM TEMPERATURE	Up to 235°C (450°F)
THREADS	11/16 – 24 UNF-2A

Benefits

- Stock program
- Tight tolerance and high operating ratio
- Corrosion resistance
- High accuracy and reliability
- Highly efficient metal to metal seal
- Can be used in vertical and horizontal wells
- Eliminates inaccurate drop bar / shear pin devices



Temperature curves are for guidance only

Applications

- Drill Stem Testing
 - Motorhead assembly
 - Circulating sub
 - Hydraulic disconnect
 - Tubing tester valve
- Downhole completion
- Casing protection
- Perforating
- Cementing



Product Information

PART	PART CODE	DISC SIZE	THREAD	PART	PART CODE	DISC SIZE	THREAD	PART	PART CODE	DISC SIZE	THREAD
PAD3	OE6-05S-CIN-PAD3-1000	5MM	11/16-24UN-2A	PAD3	OE6-05S-CIN-PAD3-4000	5MM	11/16-24UN-2A	PAD3	OE6-05S-CIN-PAD3-7000	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD3-1000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD3-4000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD3-7000	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD3-1500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD3-4500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD3-7500	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD3-1500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD3-4500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD3-7500	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD3-2000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD3-5000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD3-8000	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD3-2000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD3-5000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD3-8000	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD3-2500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD3-5500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD3-8500	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD3-2500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD3-5500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD3-8500	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD3-3000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD3-6000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD3-9000	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD3-3000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD3-6000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD3-9000	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD3-3500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD3-6500	5MM	11/16-24UN-2A				
	OE6-05S-CHA-PAD3-3500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD3-6500	5MM	11/16-24UN-2A				

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