

# PAD1 DATASHEET



## PAD1 (PAD1-L & PAD1-H)

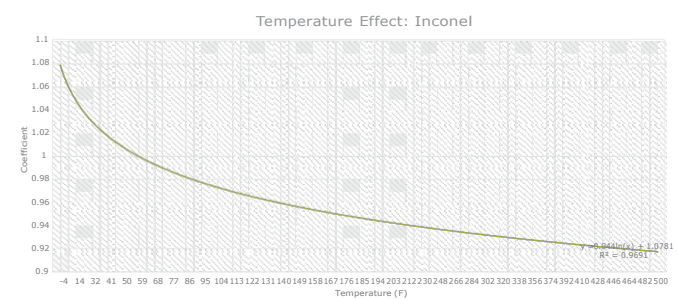
The Elfab PAD1 Pressure Activation Rupture Disc comes in two variations; PAD1-L and PAD1-H; covering a wide range of burst pressure options from 1000 to 9500 Psig (PAD1-L) and 10,000 to 24,000 psig (PAD1-H). The PAD1 rupture disc range is designed for activation from annuls. Using our in-house electron beam welding capability Elfab ensure the PAD1 is a high integrity solution for superior leak tightness. Standard materials of construction comprise of a 316 Stainless Steel body and Inconel 600 disc. Elfab Pressure Activation Devices 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 approvals. 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	Minimal – consult Elfab engineering
STANDARD BURST PRESSURE RANGE	1000-24000 PsiG in 500 PsiG increments
MAXIMUM TEMPERATURE	Up to 235°C (450°F)
THREADS	1 1/16 – 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
PAD1L	OE6-05S-CIN-PAD1L-1000	5MM	11/16-24UN-2A	PAD1H	OE6-05S-CIN-PAD1H-10000	5MM	11/16-24UN-2A	PAD1H	OE6-05S-CIN-PAD1H-19000	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-1000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-10000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-19000	5MM	11/16-24UN-
	OE6-05S-CIN-PAD1L-1500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-10500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-19500	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-1500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-10500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-19500	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD1L-2000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-11000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-19500	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-2000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-11000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-20000	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD1L-2500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-11500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-20000	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-2500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-11500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-20500	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD1L-3000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-12000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-20500	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-3000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-12000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-21000	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD1L-3500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-12500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-21000	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-3500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-12500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-21500	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD1L-4000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-13000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-21500	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-4000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-13000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-22000	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD1L-4500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-13500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-22000	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-4500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-13500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-22500	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD1L-5000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-14000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-22500	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-5000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-14000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-23000	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD1L-5500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-14500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-23000	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-5500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-14500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-23500	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD1L-6000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-15000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-23500	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-6000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-15000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-24000	5MM	11/16-24UN-2A
	OE6-05S-CIN-PAD1L-6500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-15500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-24000	5MM	11/16-24UN-2A
	OE6-05S-CHA-PAD1L-6500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-15500	5MM	11/16-24UN-2A				
	OE6-05S-CIN-PAD1L-7000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-16000	5MM	11/16-24UN-2A				
	OE6-05S-CHA-PAD1L-7000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-16000	5MM	11/16-24UN-2A				
	OE6-05S-CIN-PAD1L-7500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-16500	5MM	11/16-24UN-2A				
	OE6-05S-CHA-PAD1L-7500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-16500	5MM	11/16-24UN-2A				
	OE6-05S-CIN-PAD1L-8000	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-17000	5MM	11/16-24UN-2A				
	OE6-05S-CHA-PAD1L-8000	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-17000	5MM	11/16-24UN-2A				
	OE6-05S-CIN-PAD1L-8500	5MM	11/16-24UN-2A		OE6-05S-CIN-PAD1H-17500	5MM	11/16-24UN-2A				
	OE6-05S-CHA-PAD1L-8500	5MM	11/16-24UN-2A		OE6-05S-CHA-PAD1H-17500	5MM	11/16-24UN-2A				
OE6-05S-CIN-PAD1L-9000	5MM	11/16-24UN-2A	OE6-05S-CIN-PAD1H-18000	5MM	11/16-24UN-2A						
OE6-05S-CHA-PAD1L-9000	5MM	11/16-24UN-2A	OE6-05S-CHA-PAD1H-18000	5MM	11/16-24UN-2A						
OE6-05S-CIN-PAD1L-9500	5MM	11/16-24UN-2A	OE6-05S-CIN-PAD1H-18500	5MM	11/16-24UN-2A						
OE6-05S-CHA-PAD1L-9500	5MM	11/16-24UN-2A	OE6-05S-CHA-PAD1H-18500	5MM	11/16-24UN-2A						

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