



APPLICATIONS

- Compartmentalization
- CSS
- SAGD
- Geothermal

FEATURES & BENEFITS

- Slim OD and Short overall length, facilitates conveyance
- Easy to convey
- Rated to 6000F and 2000 PSI
- Retrievable with slight over-pull - little interference upon recovery
- Control line feed through allows for multi-string completions

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PRO-FRAC

ProTherm Thermal Liner Top Seal

Reliable Thermal Isolation

The ProTHERM Thermal Seal is a fully retrievable, hydraulic set packer designed for use in cyclic steam systems, SAGD, geothermal and compartmentalization applications.

The Thermal Seal is designed to float with liners as they expand and contract with temperature cycling. Any number of seals can be run in a well simultaneously and the seal is ideal for compartmentalization of tubing or liner conveyed ICD and Steam Injection tools.

Our Thermal Seal is field proven, providing a reliable seal in abnormal casing that has been deviated or warped from thermal cycling.

PERFORMANCE SPECIFICATIONS

	7"	7"	8-5/8"	9-5/8"
Casing Size	7"	7"	8-5/8"	9-5/8"
Liner Size	4.5"	5"	5.5"	7"
OD	5.95"	5.95"	7.75"	8.50"
ID	3.88"	4.151"	4.77"	6.19"
Element Rating	2000 psi	2000 psi	2000 psi	2000 psi
Req Set Pressure	2000 psi	2000 psi	2000 psi	2000 psi
Tensile Strength	237,000 lbs	237,000 lbs	350,000 lbs	450,000 lbs
Burst Strength	7500 psi	7500 psi	7500 psi	7500 psi
Temp Rating	600°F	600°F	600°F	600°F
Pulling Force	10-15 klb Over String Weight			