

SPECIALTY SEALING FOR HEAVY OIL AND HIGH TEMPERATURE STEAM

Utilizing FEF, FKM, FFKM, and PTFE Seals



PRODUCT OVERVIEW

Engineered for extreme temperatures and aggressive media, these custom sealing solutions provide reliable performance in demanding steam, thermal recovery, and downhole environments.

Advantages for Heavy Oil operators:

- Prevents leaking and extrusion of seals under severe conditions
- Extends service life at elevated temperatures
- Reduces downtime and minimizes emissions

ARTES Inc. designs and manufactures advanced sealing and polymer components for critical oil and gas, energy, and industrial applications. Our expertise in material science and engineered geometry allows us to provide custom sealing solutions optimized for performance, durability, and cost efficiency.

Features

- Resistant to steam, hot water, amines and hydrocarbons
- Engineered elastomer and thermoplastics for high temperatures
- Advanced thermal stability for use up to 320C (608F)
- Excellent chemical resistance against aggressive fluids
- Custom seal designs for optimum sealing

Applications

- Steam injection equipment
- Pressure vessels and piping
- Valves and pumps
- Artificial lift systems
- Production equipment
- Downhole applications