

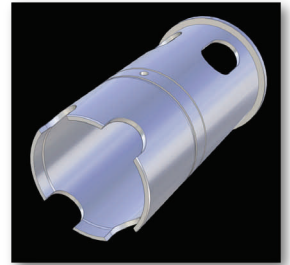
# Cylinder Liners

## Compressor Cylinder Liners

ACI provides one of the most comprehensive cylinder liner design engineering and manufacturing capability in the market. The following describes some of the basic styles available.

### Slip-Fit Liners

- Installed in most OEM cylinders:
  - Replaces cylinders with wet liners
  - Replaces interference fit liners
  - Installs in cylinder with no liners
  - Installs in existing wet liner bodies
- Liner clamped in place using the front head bolt load:
  - Reduces maintenance time for installation/removal
  - Replaces easily for wear and/or performance reasons
- Designed for application specifics:
  - Reline existing cylinders to meet changing conditions
- Manufactured from high quality centrifugally cast iron material:
  - Maintains a true and round cylinder bore
  - Maximizes cylinder liner durability
  - Maximizes component life (piston rings and rider bands)



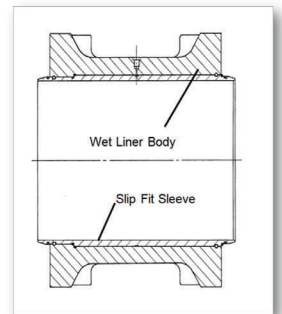
### Wet Type Liners

- A liner style used in valve-in-head cylinders:
  - Designed as a duplicate replacement component to original OEM design
  - Liner is part of the cylinder water jackets
  - Internal oil tubes required to distribute lube oil to cylinder bore
- Manufactured from high quality cast iron material usually a sand casting:
  - Maintains a true and round cylinder bore
  - Maximizes cylinder liner durability
  - Maximizes component life (piston rings and rider bands)



### Dry Type Liners

- A liner style used in valve-in-head cylinders, water or air cooled:
  - Designed as a duplicate replacement component to original OEM design
  - Liner is separate of the cylinder water jackets
  - Lube oil is distributed to bore through drilled feed holes
- Manufactured from high quality centrifugally cast iron material:
  - Maintains a true and round cylinder bore
  - Maximizes cylinder liner durability
  - Maximizes running life of piston rings and rider bands



*Reciprocating Compressor Experts*