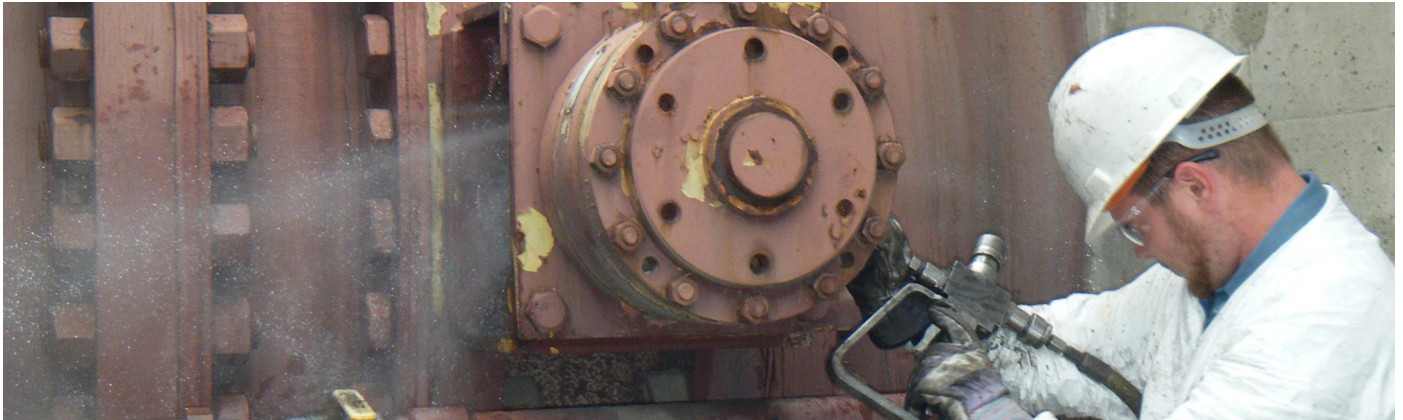


AP Services

Fluid Sealing Technologies and Services

**CURTISS -
WRIGHT**



Curtiss-Wright's AP Services is a leading supplier of fluid sealing technologies and services to commercial nuclear and fossil power plants, chemical, petrochemical, the Department of Energy, the Department of Defense, Original Equipment Manufacturers, and the Industrial market. We are recognized as an industry leader in providing fluid leak products and management solutions.

AP Services sealing solutions are a blend of proprietary manufactured and distributed products including mechanical valve and pump packing, metal and fabricated gaskets and a wide variety of specialized fluid sealing products. Services include fluid sealing on-site support, turn-key repacking, warehouse evaluation, product and application training, obsolescence solutions, reverse engineering, web-based valve packing databases, and fluid leak management programs to improve equipment reliability and reduce operation costs. Our state-of-the art manufacturing facility operates under AP Services commercial and nuclear QA programs. We are NUPIC audited to the requirements of 10CFR50 Appendix B, 10CFR21 and NQA-1.

AP Services

Fluid Sealing Technologies and Services

Gaskets

Sheets

- Compressed non-asbestos
- Commercial carbon
- Union Carbide Grafofil[®]
- SGL Hochdruck graphite
- Teflon[®]
- Glass filled Teflon[®]
- Fiber nitrile
- Premium grade red rubber
- Premium grade neoprene
- Gum rubber
- Hypalon
- Cloth inserted SBR
- Neoprene duck diaphragm
- Neoprene nylon diaphragm
- Buna N (nitrile)
- Viton
- Silicone
- EPDM
- Copper
- Soft iron
- Vegetable fiber
- Cork, cork and neoprene

Fabricated

- Flexitallic[®]
- Spiral wound
- Double jacketed
- Single jacketed
- Solid metal
- Teflon[®] envelope
- Die or waterjet cut

Textile Products

- Fiberglass Rope
- Ceramic Rope
- Welding cloth
- Textured fiberglass cloth
- Woven fiberglass tape
- Treated fiberglass tape
- Folded Teflon[®] tape
- Tadpole tape
- Groove luting
- Felt
- Ceramic fiber sheet

Mechanical Packing

- Graphite filament yarn
- Die formed Grafofil[®]
- Carbon filament with PTFE
- Braided Kevlar[®]
- Graphite Teflon[®] GFO fiber
- Teflite with Kevlar[®] corners
- Braided Novaloid with Teflon[®]

- Teflon impregnated Norfab
- Pure Teflon[®] filament
- Graphited synthetic yarn
- Aluminum foil
- Braided copper
- Braided flexible graphite
- Graphited lead foil
- Braided flax
- Custom packing sets
- Die formed packing rings
- Nuclear certified packing
- Composite anti-extrusion ring

Specialty Products

- Ring joint gaskets
- Graphite pressure seals
- Carbon/Teflon[®] sootblower sets
- Mechanical seals
- Hydraulic packing
- Special and standard O-rings
- O-ring cord stock
- Carbon bushings and spacers
- Coupling gaskets
- Coal handling gaskets
- Ashline gaskets
- Expansion joints
- Charging pump packing
- Joint sealing and gasket tape
- Packing/thread lubricant
- Belleville spring and flat washers
- Eyebolts and allthread studs
- Conveyor belts
- Packing and gasket cutting tools

Services

sealTECH[™]

- State-of-the-art gasket manufacturing
- Highly trained valve technicians
- Valve services
- On-site fluid sealing support and outage management
- Turn-key repacking services
- Obsolescence solutions
- Warehouse inventory surveys and evaluation
- Vendor Managed Inventory (VMI)
- Fluid sealing training programs: maintenance, applications
- 24/7 service

sealPRO[™]

- Web-based valve-packing database and valve management program
- Provides optimal sealing solutions

sealID[™]

- Web-based stock identification database for consolidation and managing inventory

sealOE[™]

- Database of proven solutions (case studies)

Authorized Distributor

- Flexitallic[®]
- Neografil[™] Grafofil[®] Products
- Gore-Tex[®] Products
- Holz Expansion Joints
- SGL Polycarbon Products
- Garlock Sealing Products

Quality Standards:

- 10CFR50 Appendix B; 10CFR21
- NUPIC Audited
- NQA-1



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