



PERSONAL ATTENTION. ENGINEERED SOLUTIONS.



Black Hawk Seals® is an innovative supplier of high quality, economically priced seals developed exclusively for the fluid power industry, available through select, authorized distributors. Engineered for the most demanding seal applications using the latest manufacturing technology, superior materials and industry knowledge.

LOCAL SUPPORT WITH GLOBAL TECHNOLOGY & MANUFACTURING

WHY BLACK HAWK?

- Developed exclusively for the fluid power industry
- Engineered for the most demanding applications
- Leading manufacturing technology
- Enhanced German, Japanese & US high quality material performance
- Market knowledge
- Well established supply chain
 - Affordability
 - Performance
 - Availability

PRODUCTS – IMPERIAL & METRIC

- Piston Seals
- Rod Seals
- Buffer Seals
- Symmetric Seals
- Rod Wipers
- Wear Rings
- Static Seals
- Rotary Seals
- Pneumatic Seals
- Custom Seal Kits
- Industrial Seal Kits
- O-Ring Seal Kits
- OEM Replacement Seal Kits
- Oil Seals
- Mechanical Seals
- PTFE – Full Range (Spring & Elastomer Energized)
- Custom Seal Design
- Custom Rubber Products

SERVICES PROVIDED

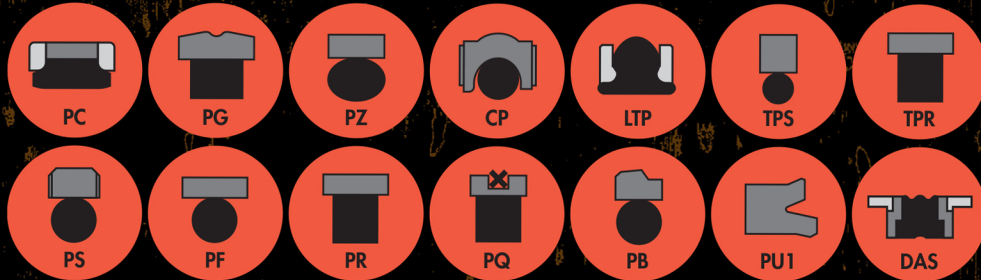
- Product Design
- Reverse Engineering
- Application Engineering Assistance
- Material Identification (FTIR)
- Product Testing
- Kitting
- Automated Inspection
- On-Site Technical Support
- Value Analysis
- Packaging
 - Bulk
 - Individual
 - Custom
- Inventory Management

MATERIALS

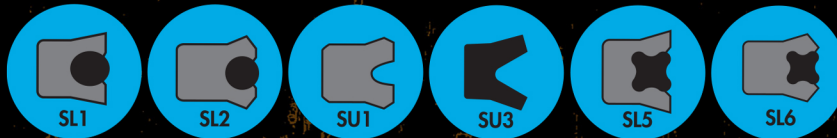
- **Vulcalon™** – Thermoset Rubber
 - Millable Polyurethanes
 - NBR, HNBR, XNBR
 - FKM, FFKM
 - EPDM
 - Silicone
 - Other Organic Rubbers
- **Rhinolon™** – Thermoplastic Polyurethanes
 - MDI, TODI, PPDI, Polycarbonate
- **Rhinolon™** – Thermoplastic Elastomers
 - TPEE (DuPont Hytrel)
- **Armourlon™** – Engineered Plastics
 - Nylon, POM, PEEK, PEI, UHMWPE
- **Tylon™** – PTFE & Modified PTFE
 - Virgin
 - Bronze
 - Glass Fiber
 - Polyimid
 - Carbon Fiber
 - Others
- **Polycot™** – Composites
 - Polyester Resin/Fabric
 - Phenolic Resin/Fabric

Profiles

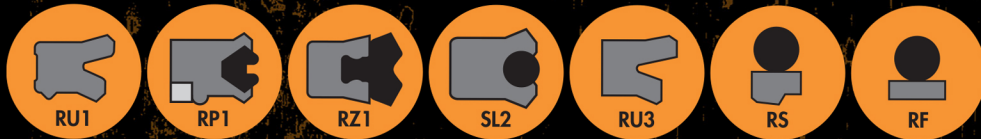
PISTON SEAL PROFILES



SYMMETRICAL SEAL PROFILES



ROD SEAL PROFILES



BUFFER SEAL PROFILES



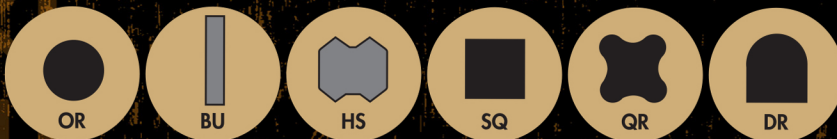
ROD WIPER PROFILES



WEAR RING PROFILES



STATIC SEAL PROFILES



Product Performance. Affordability. Availability.



3702 Vanguard Drive | Fort Wayne, IN 46809 | USA
260-615-3951 | info@BlackHawkSeals.com
www.BlackHawkSeals.com

www.mfcp.com