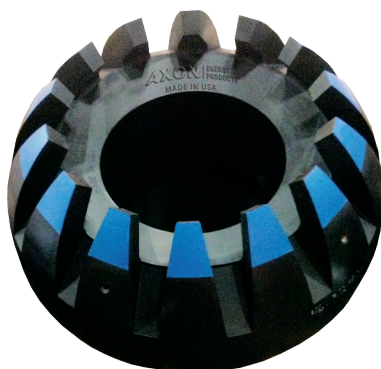


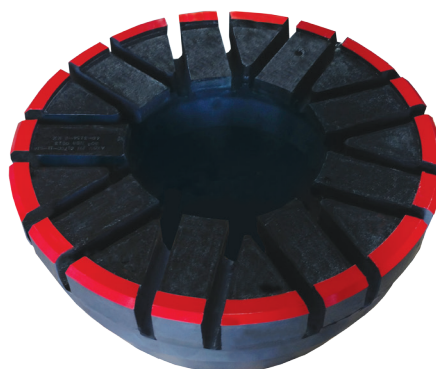
# Annular BOP Packing Elements

Our annular blowout preventer packing elements are molded from AXON's proprietary rubber formulation and geometrically designed for advanced fatigue and stripping performance in oilfield applications. Spare packing elements are tested to AXON's stringent engineering and quality requirements, based on API 16A standards for factory acceptance testing of spare packing elements. This includes both low and high pressure complete shutoff tests, as well as low and high pressure pipe mandrel tests to maximum rated pressures and drifting testing.

TYPE 52



TYPE 51



## SPECIFICATIONS

### Available Sizes

- Type 51 BOP 13-5/8" 5,000 psi
- Type 52 BOP 7-1/16" 3/5,000 psi
- Type 52 BOP 11" 5,000 psi
- Type 52 BOP 13-5/8" 3/5,000 psi
- Complete Line of Type 51 & 52 Seal Kits

### Coming Soon

- Type 52 BOP 4-1/16" 10,000 psi
- Type 52 BOP 20-3/4" 3,000 psi
- Type 52 BOP 21-1/4" 2,000 psi

\* Additional sizes in development; details available upon inquiry

### Sample Testing Data (the following API 16A test results are typical for AXON elastomer products)

Element Description	Validation Test Type	API Standard Requirements	AXON Test Results
13 5/8" 3/5,000 psi Type 52	API 16A Fatigue Qualification	354 closures including 56 pressure tests	595 closures including 85 pressure tests
	API 16A Stripping Qualification	5,000 tool joints	13,897 tool joints *
7 1/16" 3/5,000 psi Type 52	API 16A Fatigue Qualification	354 closures including 56 pressure tests	1,400 closures including 200 pressure tests **
	API 16A Stripping Qualification	5,000 tool joints	5,100 tool joints *

\* Stripping test stopped; packing element did not fail.  
 \*\* Fatigue test stopped; packing element did not fail.

# Annular BOP Packing Elements

## FEATURES / BENEFITS

### Materials Expertise

- Extensive materials research and development for elastomers and plastics
- Experience with a wide range of material to provide optimal solutions
- Complete pre-production material and process validation
- Solutions for the most challenging environments
- Compatible with AXON and most major annular BOPs
- Elements may be provided to API 16A factory acceptance test requirements at 100% working pressure on pipe and 50% pressure closed on open hole
- Includes AXON's Seal of Authenticity and test results in documentation package
- Extensive fluid immersion and temperature testing on each formula

### Rigorous Analysis and Testing

- Product testing lab enables API 16A requirement testing on BOPs, ram packers and more
- Material test capabilities across a broad spectrum of gas and liquids
- Thermal cycling lab for product function testing
- Compound development capabilities for extreme applications

### AXON Type 51 & Type 52 Annular BOPs

