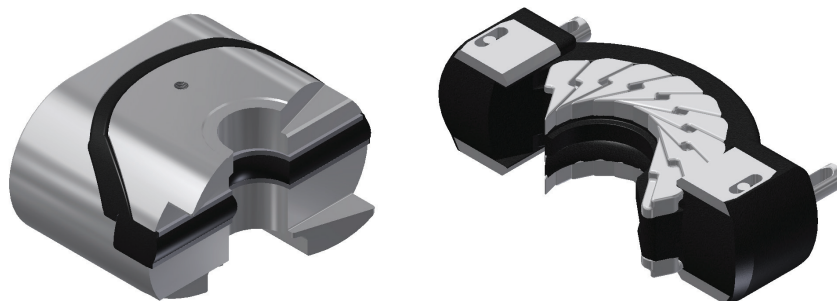


# Ram BOP Packers

Our ram blowout preventer packers are molded utilizing AXON's proprietary synthetic rubber formulation and geometrically designed for advanced fatigue and stripping performance in today's demanding oilfield applications. Each ram packer is tested to AXON's stringent engineering and quality requirements, based on API 16A standards and/or design validation testing.



## SPECIFICATIONS

### Available Sizes

- Type 50 Ram Packers 7-1/16" – 3/15,000 psi to 21-1/4" – 5/10,000 psi
- Type 50 Top Seals 7-1/16" – 3/15,000 psi to 21-1/4" – 5/10,000 psi
- Type 50 Flex Packers 7-1/16" – 3/15,000 psi
- Type 50 Variable Bore Rams 13-5/8" – 3/10,000 psi
- Type 50 SBR/ISR Shear Rubbers 7-1/16" – 3/15,000 psi to 13-5/8" – 3/10,000 psi
- Type 53 Ram Rubber Sub Assembly 7-1/16" – 5,000 psi
- Type 53 Seal Kits and Packing Adapters
- Complete Line of Type 50 Bonnet Seals and Seal Kits for All Sizes (including boosters)

\* Additional sizes and offerings available; inquire for specifications

### 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" 10,000 psi Type 50 Pipe Ram	API 16A Fatigue Qualification	546 closures including 78 pressure tests	546 closures including 78 pressure tests
	API 16A Stripping Qualification	50,000 ft of drill pipe	50,000 ft of drill pipe
7 1/16" 5,000 psi Type 53 Pipe Ram	API 16A Fatigue Qualification	546 closures including 78 pressure tests	546 closures including 78 pressure tests
	API 16A Stripping Qualification	50,000 ft of drill pipe	50,000 ft of drill pipe

# Ram BOP Packers

## 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 ram BOPs
- Each packer must satisfy our engineering and quality design validation testing
- Includes AXON's Certificate of Conformance 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
- Rubber mixing lab for developing new recipes

### AXON Type 50 & Type 53 Ram BOPs

