

# OFFSHORE OIL & GAS

- BELL NIPPLE OVERSHOT SEAL HOUSINGS
- DRILLING RISER SEAL HOUSINGS
- GENERAL OVERSHOT SEAL HOUSINGS

**SEALFAST® DUAL  
REDUNDANT MECHANICAL  
AND INFLATABLE SEAL, BOLT-  
ON & WELD-ON OVERSHOT  
SEAL HOUSINGS**



**BELL  
NIPPLE  
OVERSHOT  
SEAL  
HOUSING**

**ADJUSTABLE  
HEIGHT  
TRANSITION  
SPOOLS/  
MANDRELS**

**RISERS &  
ADAPTOR**

**DIVERTER**



**ANNULAR  
BOP**

**DIVERTER  
OVERSHOT  
SPOOL**

ONE, TWO,  
AND THREE  
MECHANICAL  
OR INFLATABLE  
SEALS  
VERSIONS  
AVAILABLE

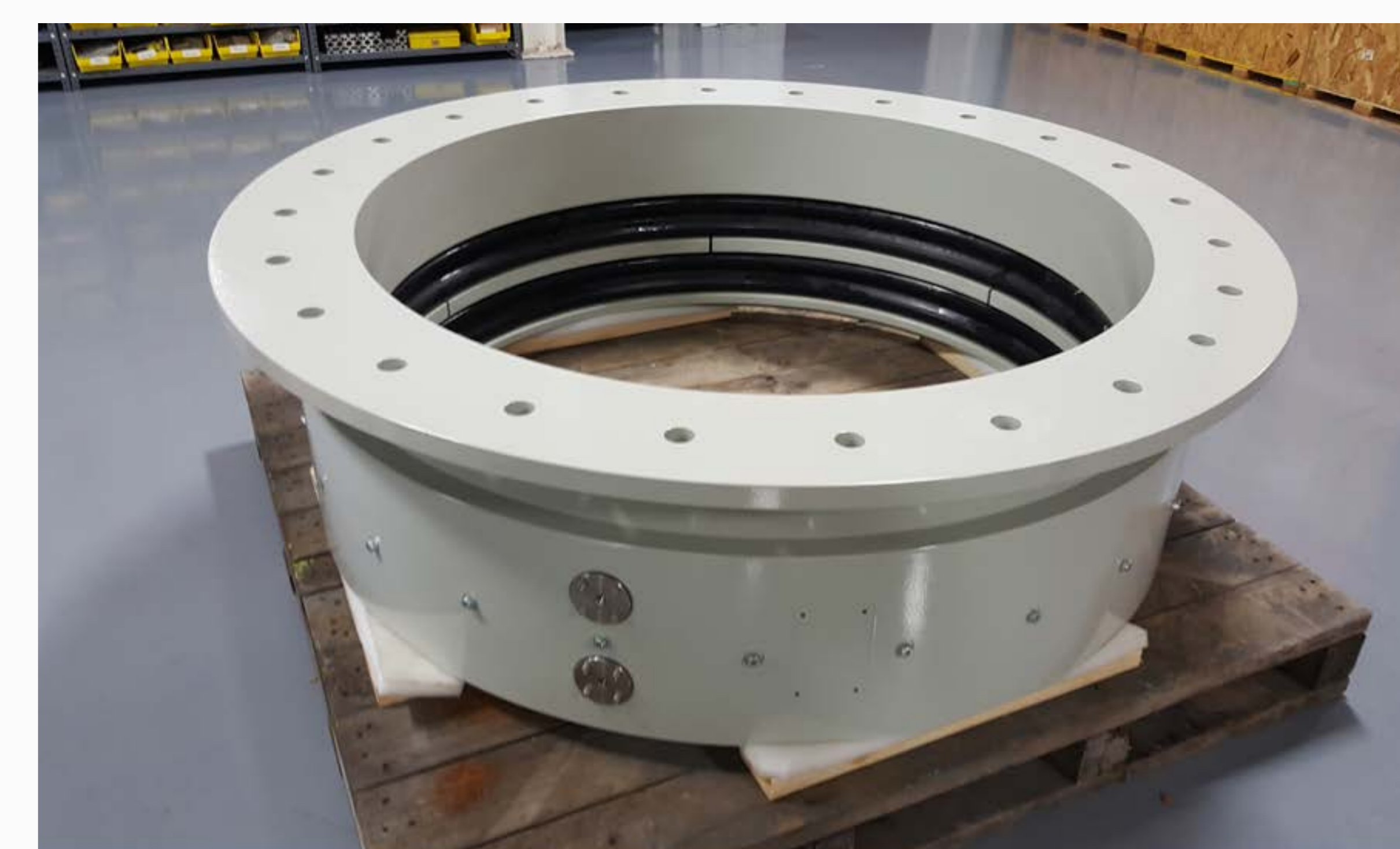
**TELESCOPING  
RISER**

ONE, TWO,  
AND THREE  
MECHANICAL  
OR INFLATABLE  
SEALS  
VERSIONS  
AVAILABLE



**SEALFAST® MULTI-SEAL  
HOUSINGS**

- CREATE REDUNDANCY TO PREVENT ENVIRONMENTAL HAZARDS
- MINIMIZE DOWNTIME FOR SEAL CHANGE-OUT MAINTENANCE
- INCREASED FLEXIBILITY FOR DRILL STACK MISALIGNMENT AND MAKE-UP
- API® 6A/16A, 64, NACE MRO-175 DESIGNS
- OFFSHORE PROVEN NBR AND HNBR RUBBER



SEALFAST® OIL SEAL HOUSINGS ALLOW MAXIMUM FLEXIBILITY DURING STACK-UP



RAPID EXTENSION AND  
RETRACTION LEAK-TIGHT  
ADJUSTABILITY



SEALS EVEN  
WITH MAXIMUM  
CENTERLINE  
ECCENTRICITY [UP TO  
SEVERAL INCHES]



SEALS WITH  
LARGE  
ANGULAR  
MIS-  
ALIGNMENTS



**Mechanical  
Research &  
Design, Inc.**

