



**UTEX INDUSTRIES, INC.**  
*Taking Sealing Technology Beyond Tomorrow*  
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# PRODUCT BULLETIN

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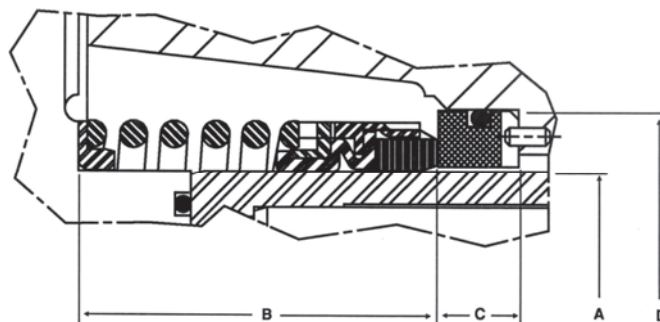
## MUD/ABRASIVE HANDLING SEALS FOR CENTRIFUGAL PUMPS



Centrifugal pumps used on drilling rigs in mud mixing, mud pump charging and rig wash down applications are subjected to highly abrasive fluids and harsh chemicals. Braided packings leak causing maintenance, hazardous fluid and pollution problems. The Utex RS-1 single spring rotary mechanical seal is the solution to these problems. The RS-1, with its fluorocarbon elastomeric bellows and tungsten carbide sealing faces, is highly resistant to abrasion and chemical

attack. The RS-1 meets rig conditions head on and reduces maintenance and pollution problems.

All seals come standard with 316 stainless steel metal parts, fluorocarbon elastomers, tungsten carbide rotating faces and tungsten carbide o-ring seats. Other material combinations are available. Contact Utex for specific application and engineering information.



### RS-1 MUD SEAL DIMENSIONAL DATA

Part Number	Shaft Diameter "A"	Installed Length "B"	Seat Width "C"	Counterbore Diameter "D"
7800-01-1126-13	1 1/8	1 5/8	7/16	1 3/4
7800-01-1878-13	1 7/8	2 1/8	1/2	2 5/8
7800-01-2506-13	2 1/2	2 1/2	9/16	3 3/8