

Regal

**Oilfield Products
Catalog**



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For over 60 years, Oil States has provided a wide array of elastomeric and plastic products for the oil, gas, defense, construction and general industries. The addition of the Regal Product Line, which has been a leading supplier in the oilfield industry since 1961, further expands the range of available products.

Oil States maintains a high level of technical competency in engineering, development and manufacturing. As a result, the company today has an unequalled reputation for technical expertise, coupled with an overriding desire to develop unique and workable solutions to our customers' most difficult problems. This active pursuit of technology and creativity positions both the Oil States Regal Product Line and its customers as leaders in the advancement of elastomeric science.

Contact Oil States today. We're ready to put our technology to work for you.

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BM Series



BV Series

BM Series

This multi-rib design known as the BM "Mission Type" cup allows for very light loading and has excellent tubing wall sealing characteristics. Designed to self-load, it is made with flexible lips and a large top loading lip to insure light load recovery.

BV Series

For light loads with a high ratio of sand, the BV Series swab cup will automatically dump when overloaded. The seven rib configuration is securely bonded to the aluminum or steel sleeves to prevent separation when dumping.



Sand King



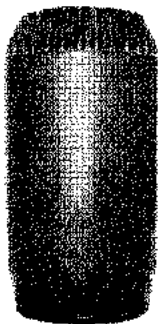
BX Series

Sand King

The Sand King swab cup features five sets of dual ribs which give maximum fluid lifting in light to medium load applications. The larger upper rib in each set effects a positive seal even under the lightest load. The thicker and more rigid lower rib backs up and supports the upper rib enabling the SK cup to swab far greater fluid loads than the conventional rib-type cups.

BX Series

This cup is designed to be slightly flexible for a fast positive seal in medium load applications. Under loading, however, it compresses to form a solid rubber mass for maximum lifting capacity and durability with minimum wear.



R Series



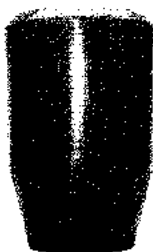
Load King

R Series

For increased shape retention and support, this cup is designed with an internal metal reinforcement. Formulated with superior rubber compounding that is resistant to high temperatures, tearing and chunking, the R Series is an excellent choice in deep hot wells and rough or corroded tubing or casings. Because the metal is molded near the outer cup diameter, the wear is concentrated on the metal rather than the rubber.

Load King

Load King cups are designed with a high lip strength to provide maximum lifting power. When under load, the cup compresses to form a solid rubber mass capable of lifting the heaviest loads, even in rough or pitted tubings or casings.



GW Type

GW Type

The GW Type is a single lip cup reinforced with encapsulated steel spring wires. GW is designed for light loads in mixed strings, as well as internally damaged strings. The heavy, flexible lip enables the cup to run smoothly while its oversized lip automatically adjusts to provide a seal for total fluid removal.



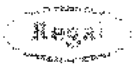
Tubing Swab Cups - Engineering Data & Part Numbers

Length	Weight	Length	Weight	Part Number	Part Number	Part Number	Part Number	Part Number	Part Number	Part Number	Part Number	
1.3-5' (1")	1.70-1.80	1.049	.970		BX-10-AL 1.030							
	1.80	1.046			BX-10-JAL .970							
1.660" (1-1/4")	2.30-2.40		1.300		BX-12-AL 1.350	SK-12-ST 1.320						
	2.40				BX-12-UAL 1.295							
1.900" (1-1/2")	2.75-2.90	1.610	1.530	LK-15-AL 1.585	BX-15-AL 1.595		BV-15-AL 1.580		RV-15-ST 1.530	R-15 1.530		
	2.90				LK-15-UAL 1.512	BX-15-UAL 1.550						
2.000"	3.40	1.670		LK-16-AL 1.650	BX-1.670-AL 1.655	SK-16-AL 1.660						
2.063" (1-3/4")	3.25-3.40	1.751	1.700	LK-17-AL 1.695	BX-17-AL 1.690	SK-17-AL 1.690					R-17 1.630	
	3.40				LK-16-AL 1.650		BX-1.670-AL* 1.655					
2-3/8" (2")	4.60-4.70	1.995	1.945	LK-20-AL/ST 1.970	BX-20-AL/ST 1.980	SK-20-AL/ST 1.980						
	4.70				LK-20-UAL/UST 1.935	BX-20-UAL/UST 1.945	SK-20-UAL/UST 1.945	BV-20-AL/ST 1.955	BM-20-AL 1.935	RV-20-ST 1.960	R-20 1.935	GW-20 1.930
	5.30			1.938	1.890		BX-1.867-AL 1.867					
	5.80-5.95			1.867	1.805		BX-1.780-AL 1.780					
	6.20			1.853	1.795		BX-1.780-AL 1.780					
	7.70			1.703	1.645	LK-15-AL 1.585	BX-15-AL 1.595					R-15 1.530
2-7/8" (2-1/2")	6.40-6.50	2.441	2.375	LK-25-AL/ST 2.425	BX-25-AL/ST 2.425	SK-25-AL/ST 2.425	BV-25-AL/ST 2.425	BM-25-AL 2.400	RV-25-ST 2.410	R-25 2.370	GW-25 2.450	
	6.50				LK-25-UAL/UST 2.360	BX-25-UAL/UST 2.375	SK-25-UAL/UST 2.360					
	7.80-7.90	2.323	2.265	LK-23-AL 2.290	BX-23-AL* 2.323							
	7.90				LK-23-UAL 2.260	BX-2.295-AL 2.295						
	8.80-8.70	2.259	2.200	LK-29-AL/ST 2.235	BX-2.220-AL 2.220					R-2.259 2.150		
	8.70				LK-29-UAL/UST 2.170	BX-2.259-AL 2.255						
	9.50	2.195	2.130	LK-28-DP-AL/ST 2.125	BX-28-DP-AL 2.110							
	10.40DP	2.161	2.130									
11.50	1.995	1.935	LK-20-UAL/UST 1.935	BX-20-UAL/UST 1.945	SK-20-UAL/UST 1.945				R-20 1.935			
3-1/2" (3")	7.70	3.068								R-30 2.940		
	9.0-9.30 9.50DP	2.992			BX-30-AL/ST 2.980							
	9.30	2.992	2.920									
	10.20	2.922			BX-30-UAL/UST 2.890							
	10.30		2.878		BX-2.860-AL 2.860							
	12.70- 12.95	2.750			BX-2.720-AL 2.720							
	12.95		2.687									
	13.30DP	2.764										
15.50DP	2.602				BX-35-DP-AL 2.665							
4"	9.50	3.548			BX-3.548-AL* 3.548							
	11.00	3.476	3.395		BX-3.476-AL* 3.476							

*Available by special order
AL - aluminum insert

ST - steel insert
U - undersize

Casing Swab Cups - Engineering Data & Part Numbers



Size	Length	Weight	Material	Part Number	Material	Part Number	Material	Part Number
4-1/2"	9.50	4.090		LK-45-ST 4.030	BX-45-AL 4.020	SK-45-ST 4.020	RV-45-ST 4.020	R-45 4.020
	10.50	4.062						
	11.50	4.000			BX-3.850-AL 3.850			
	12.60 Tlog 12.75 Ilog	3.958	3.865		RX-3.850-AL 3.850			
	13.50	3.920			BX-3.850-AL 3.850			
	15.10-15.20 16.60 DP	3.820			RX-3.820-AL 3.820			
5"	15.00	4.408						
	18.00	4.276						
5-1/2"	13.00	5.044			BX-55-AL 4.975	SK-55-ST 4.987	RV-55UID-ST RV-55-ST 4.950 RV-55-ST-HD	R-55 4.950
	14.00	5.012						
	15.50	4.950		LK-55-ST 4.867				
	17.00	4.892			BX-4.887-AL 4.867			

* Available by special order
 RV-55UID-ST to be run on 4-1/2" mandrel
 RV-55-ST-HD is Heavy Duty version



Swivel Rope Sockets - Engineering Data and Part Numbers

Sure Swivel Rope Sockets - Fish Neck Grooves

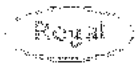
Rope Sockets are constructed of high quality materials and are continuously checked for even the slightest defect. Fish neck grooves are incorporated on the upper neck and lower half of the type SS-1 rope sockets. These units are available for various wire rope sizes.



Part Number	Top Groove	Bottom Groove	Length	Thread	Notes
RS109696*	1"	3/16"	.700"	9/16" - 12 N.C	1 ea. RS109600 .825" x 9/16" Bottom; 1 ea. RS100096 .8125" Top, 3/16" Wireline
SS115812	1 1/4" - 1 3/4"	1/2"	1.300"	5/8" API Sucker Rod Thread	1 ea. SS115800 1.1875" x 5/8" Bottom 1 ea. SS110012 1.1875" Top, 1/2" Wireline
SS115896	1 1/4" - 1 3/4"	3/16"	1.000"	5/8" API Sucker Rod Thread	1 ea. SS115800 1.1875" x 5/8" Bottom 1 ea. SS110096 1.1875" Top, 3/16" Wireline
RS115896*	1 1/4" - 1 3/4"	9/16"	1.000"	5/8" API Sucker Rod Thread	1 ea. RS115800 1.1875" x 5/8" Bottom; 1 ea. RS110096 1.1875" Top, 9/16" Wireline
SS115858	1 1/4" - 1 3/4"	5/8"	1.000"	5/8" API Sucker Rod Thread	1 ea. SS115800 1.1875" x 5/8" Bottom; 1 ea. SS110058 1.1875" Top, 5/8" Wireline
RS115876	1 1/4" - 1 3/4"	7/16"	1.125"	5/8" API Sucker Rod Thread	1 ea. RS135600 1.375" x 5/8" Bottom; 1 ea. RS130076 1.375" Top, 7/16" Wireline
SS115812	1 1/4" - 1 3/4"	1/2"	1.1875"	5/8" API Sucker Rod Thread	1 ea. SS135800 1.375" x 5/8" Bottom 1 ea. SS130012 1.375" Top, 1/2" Wireline
RS135812	1 1/4" - 1 3/4"	1/2"	1.125"	5/8" API Sucker Rod Thread	1 ea. RS135800 1.375" x 5/8" Bottom 1 ea. RS130058 1.375" Top, 9/16" Wireline
SS135896	1 1/4" - 1 3/4"	3/16"	1.1875"	5/8" API Sucker Rod Thread	1 ea. SS135800 1.375" x 5/8" Bottom 1 ea. SS110096 1.375" Top, 3/16" Wireline
RS135896	1 1/4" - 1 3/4"	9/16"	1.125"	5/8" API Sucker Rod Thread	1 ea. RS135800 1.375" x 5/8" Bottom 1 ea. RS130096 1.375" Top, 9/16" Wireline
SS135858	1 1/4" - 1 3/4"	5/8"	1.1875"	5/8" API Sucker Rod Thread	1 ea. SS135800 1.375" x 5/8" Bottom 1 ea. SS130058 1.375" Top, 5/8" Wireline
RS135858	1 1/4" - 1 3/4"	5/8"	1.125"	5/8" API Sucker Rod Thread	1 ea. RS135800 1.375" x 5/8" Bottom 1 ea. RS110058 1.375" Top, 5/8" Wireline
RS135834	1 1/4" - 1 3/4"	3/4"	1.125"	5/8" API Sucker Rod Thread	1 ea. RS135800 1.375" x 5/8" Bottom 1 ea. RS130034 1.375" Top, 3/4" Wireline
RS155876	1 1/2" - 1 3/4"	7/16"	1.125"	5/8" API Sucker Rod Thread	1 ea. RS155800 1.375" x 5/8" Bottom 1 ea. RS150076 1.375" Top, 7/16" Wireline
RS155896	1 1/2" - 1 3/4"	9/16"	1.125"	5/8" API Sucker Rod Thread	1 ea. RS155800 1.375" x 5/8" Bottom 1 ea. RS150096 1.375" Top, 9/16" Wireline
RS153496	1 1/2" - 1 3/4"	9/16"	1.125"	3/4" API Sucker Rod Thread	1 ea. RS153400 1.375" x 3/4" Bottom 1 ea. RS150096 1.375" Top, 9/16" Wireline
RS153458	1 1/2" - 1 3/4"	5/8"	1.125"	3/4" API Sucker Rod Thread	1 ea. RS153400 1.375" x 3/4" Bottom 1 ea. RS150058 1.375" Top, 5/8" Wireline
RS175896	2" and larger	9/16"	1.375"	5/8" API Sucker Rod Thread	1 ea. SS175800 1.750" x 5/8" Bottom 1 ea. SS170096 1.750" Top, 9/16" Wireline
SS1734516	2" and larger	5/16"	1.375"	3/4" API Sucker Rod Thread	1 ea. SS173400 1.750" x 3/4" Bottom 1 ea. SS1700516 1.750" Top, 5/16" Wireline
SS173436	2" and larger	3/8"	1.375"	3/4" API Sucker Rod Thread	1 ea. SS173400 1.750" x 3/4" Bottom 1 ea. SS170038 1.750" Top, 3/8" Wireline
SS173716	2" and larger	7/16"	1.375"	3/4" API Sucker Rod Thread	1 ea. SS173400 1.750" x 3/4" Bottom 1 ea. SS1700716 1.750" Top, 7/16" Wireline
SS173412	2" and larger	1/2"	1.375"	3/4" API Sucker Rod Thread	1 ea. SS173400 1.750" x 3/4" Bottom 1 ea. SS170012 1.750" Top, 1/2" Wireline
SS173496	2" and larger	9/16"	1.375"	3/4" API Sucker Rod Thread	1 ea. SS173400 1.750" x 3/4" Bottom 1 ea. SS170096 1.750" Top, 9/16" Wireline
SS173496	2" and larger	9/16"	1.375"	3/4" API Sucker Rod Thread	1 ea. SS173400 1.750" x 3/4" Bottom 1 ea. RS170096 1.750" Top, 9/16" Wireline
SS173458	2" and larger	5/8"	1.375"	3/4" API Sucker Rod Thread	1 ea. SS173400 1.750" x 3/4" Bottom 1 ea. SS170058 1.750" Top, 9/16" Wireline
SS177896	2" and larger	9/16"	1.375"	7/8" API Sucker Rod Thread	1 ea. SS177800 1.750" x 7/8" Bottom 1 ea. SS170096 1.750" Top, 9/16" Wireline

* Special order item
 "SS" Designates Oil States Model
 "RS" Designates Regal Model

Swab Mandrels



CSI Regal manufactures steel swab mandrels, available in sizes 1" to 2-1/2". Mandrels are machined from one solid piece of bar stock. Removal of bottom nut allows easy installation and removal of swab cups by operator.

ST Series Slip Type Swab Mandrels



ST Series

	125-ST-R	125-ST MANDREL	125-ST RING	125-ST NUT
	150-ST-R	150-ST MANDREL	150-ST RING	150-ST NUT
	200-ST-R	200-ST MANDREL	200-ST RING	200-ST NUT
	250-ST-R	250-ST MANDREL	250-ST RING	250-ST NUT

Model 50 Type Swab Mandrels

	T50-150	T50-150 MANDREL	T50-150 TOP	150-ST NUT	150-ST RING
	T50-200	T50-200 MANDREL	T50-200 TOP	200-ST NUT	200-ST RING
	T50-250	T50-250 MANDREL	T50-250 TOP	250-ST NUT	250-ST RING

The Model 50 Series Swab Mandrel utilizes a ball and integral seat construction with a hollow mandrel to facilitate a free fall in the fluid.



Model 50

The Single Knuckle Joint Swab Mandrel is made from 100% machined alloys and allows for easy change out of one or more cups.

The Knuckle Joint Swab Mandrel is available in heat treated cast steel. These swabs allow a quick cup change with no threaded parts.

SKJ and KJM Series Knuckle Joint Swab Mandrels

Part Number	Mandrel with NGA	Spacing Ring	Top Section 3/4" Pin	Middle Mandrel	Bottom Mandrel
SKJ-20	SKJ-20 MANDREL	200-ST-RING	SKJ-TOP		
SKJ-25	SKJ-25 MANDREL	250-ST-RING	SKJ-TOP		
SKJ-45, 1 CUP	SKJ-45 MANDREL 1-CUP	SKJ-45 RING	SKJ-55 TOP		
SKJ-45, 2 CUP	SKJ-45 MANDREL 2-CUP	SKJ-45-RING	SKJ-55 TOP		
SKJ-55, 1 CUP	SKJ-55 MANDREL 1-CUP	SKJ-55-RING	SKJ-55 TOP		
SKJ-55, 2 CUP	SKJ-55 MANDREL 2-CUP	SKJ-55-RING	SKJ-55 TOP		
KJM-20			KJM-20 TOP	KJM-20 UPPER	KJM-20 LOWER
KJM-25			KJM-25 TOP	KJM-25 UPPER	KJM-25 LOWER

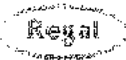


SKJ Series KJM Series

Spacer Sleeves for Single/Dual Knuckle Joint Mandrels

1-1/2"	153-SL
2"	203-SL
2-1/2"	253-SL
4-1/2"	453-SL

Oil Saver Rubbers



Oil Saver Rubbers - Tough, Long-Life Rubber

Oil Saver Rubbers are molded from a special compound of oil, gas and abrasion-resistant rubber for long service life. Oil and other fluids are removed from the wireline and allowed to re-enter the well, which helps prevent potential well-site contamination.



OS-9S



Type H



Bowen



Petrodyne

Part Number	Part Name	Working Length
OS-5/8	OS-9S Solid	5/8"
OS-9/16		1/2" - 9/16"
OS-3/16		3/16"
OS-1/4		1/4"
OS-5/16		5/16"
OS-3/8		3/8"
OS-1/2		1/2"
OS-7/16		7/16"
OS-.39		.39"
HL-1	HL-10-S Solid	1"
HL-1-1/4		1-1/4"
HL-1-1/2		1-1/2"
HL-5/8		1/2" - 5/8"
HL-1/4		1/4"
HL-9/16		9/16"
HL-3/16		3/16"
HL-3/8		3/8"
HL-1/2		1/2"
HL-5/16		5/16"
HL-7/16		7/16"
HL-3/4		3/4"
GA-9/16		Type H Black
GA-9/16-G	Type H Green	
GA-9/16-M	Type H Blue	
GA-9/16-S	Type H Red	
GA-5/16	Type H Black	0 - 5/16"
GA-3/4	Type H Black	3/4" - 1"
OSB-3/16-L*	Bowen	3/16"
OSB-15/32-L*		15/32"
OSB-5/16-M*	Bowen, mid-size	5/16"
OSB-1/4-M*		1/4"
OSP-5/16*	Petrodyne	5/16"
OSP-7/32*		7/32"
OSBC*	Bell "HR" & Bowen	3/8" - 5/8"
OSB-1*	Bell Type "HL"	

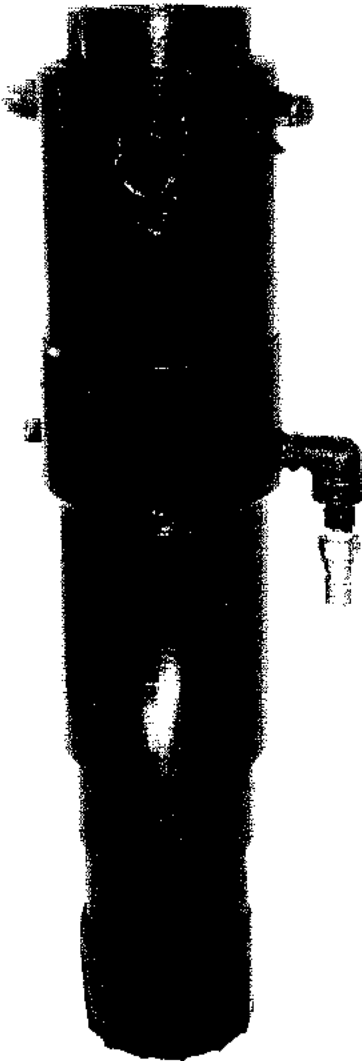
*Available by special order.

Special compounds available on request.

Type BH Hydraulic Wireline Oil Saver

Type BH Hydraulic Wireline Oil Saver Unit

BH-SINGLE 2-3/8"	BH Single Unit, Only 2-3/8" EUE 8rd
BH-SINGLE 2-7/8"	BH Single Unit, Only 2-7/8" EUE 8rd
BH-SINGLE 3-1/2"	BH Single Unit, Only 3-1/2" LP 8-V
BH-DUAL 2-3/8"	BH Dual Unit, Only 2-3/8" EUE 8rd
BH-DUAL 2-7/8"	BH Dual Unit, Only 2-7/8" EUE 8rd
BH-DUAL 3-1/2"	BH Dual Unit, Only 3-1/2" LP 8-V



Type BH Hydraulic
Wireline Oil Saver Unit

Type Hydraulic Wireline Oil Saver - Spare Parts List

Part Number	Part Description	Quantity	
		Single	Dual
BH-BODY SINGLE	BH-1 Body, Single	0	1
BH-DUAL BODY	BH-1 Body, Dual	1	0
BH-GATE	BH-2 Gate	1	1
OS-GA	BH-3 Bushing, 3/8" - 5/8"	4 sets	2 sets
OS-GA 3/4"	BH-3 Split Bushing, 3/4"	4 sets	2 sets
BSHGCLP	BH-4 Bushing Clip	4	2
BH-SPACER	BH-5 Busing Spacer - (Dual Only)	1	0
BH-PISTON	BH-6 Ram	1	1
BH-YOKE	BH-7 Yoke	1	1
BH-PIN	BH-8 Yoke Retaining Pin	1	1
BH-HSG-PLUG	BH-9 Housing Plug	1	1
BH-HOUSING	BH-10 Housing	1	1
BH-SPRING	BH-11 Spring	1	1
BH-TOOL	BH-12 Redressing Tool	1	1
O-GA	O-Rings, BH-20, Kit Only	1	1
BH-BASE-2 3/8"	BH-19 Base, 2-3/8" EUE-8rd	1	1
BH-BASE-2 7/8"	BH-19 Base, 2-7/8" EUE 8rd	1	1
BH-BASE-3 1/2"	BH-19 Base, 3-1/2" LP 8-V	1	1
BH-PLUG	BH-13, 3/8" Pipe Plug	1	1



HR Stripmaster Unit

Oil Saver Unit

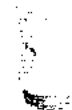
393530 XX	Type HR Unit Complete (Specify Line Size)
393530-T XX	Type HR Unit Complete w/ Tulip Guide (Specify Line Size)

HR Stripmaster - Parts List

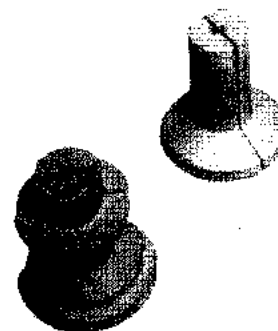
HR-5000		Qty	Description
Part No.	Line Size		
HR-BODY	HR-1	1	Body
HR-AD	HR-2	1	Adapter
HR-SCREW	HR-3	1	Packing Screw
HR-GLAND	HR-4	1	Gland
HR-PISTON	HR-5 (5000)	1	Piston
HR-6-SLEEVE	HR-6	1	Sleeve Assembly
HR-CONNECT BUSHING	HR-10	1	Connect Bushing
HR-CONNECT SCREW	H-11	1	Connect Screw
HR-O-RING	HR	1	O-Ring, Kit
BSHGCLP	BH-4	1	Bushing Clip
393503-XX	HRU	Set	Upper Bushing*
393531-XX	HRL	Set	Lower Bushing*
HR-CAGE	HR-19	1	Cage
HR-CAP	HR-5/8"	3	Cap Screw
OS-XX	see pg. 7	1	Oil Saver Rubber*

Miscellaneous Parts for HR and Stripmaster

HR-DUAL-AD	HR-Dual Adapter
HR-TULIP	HR-Tulip Guide



HR Tulip Line Guide



Brass Bushings

* Specify Line Size

Sucker Rod Guides

Increase Pumping Efficiency

Eliminate or greatly reduce down-hole problems with Hi-Temp Snap-on and Twist-on Rod Guides. With a coefficient of friction when wet lower than metal, overall pumping efficiency is increased while costly metal-to-metal contact between the rods and tubing is minimized. Wear on coupling is also less, thus reducing costly rod partings.

Fewer "Pulling" Jobs

The guides also function as bearing by centralizing the sucker rods in the tubing. Even as tubing buckles in the well during the upstroke, the guides help prevent contact between the rods and tubing. Polished rod loads are reduced due to the lower friction and less abrupt stress reversals.

Snap-on Guides

The standard of the industry for years, Hi-Temp Snap-on guides are made of abrasion-resistant, synthetic rubber. A spring steel "clip" insert is molded into the rubber guide, providing a positive grip on the sucker rod and preventing slippage in temperatures up to 300°F.

Twist-on Guides

Oil States' Twist-on rod guides contain no metal clip insert. Tests, however, indicate an excellent holding strength due to design and materials. The Twist-on style rod guide can easily be installed with a pipe wrench, and withstand temperatures up to 200°F.

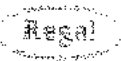


Rod Guide

Snap-on Guides			
Sucker Rod Size	Part Number	G.D. of Guides (Total ID)	Tubing Size
2"	5820-HT	5/8"	2-3/8"
	3420-HT	3/4"	
	7820-HT	7/8"	
2-1/2"	5825-HT	5/8"	2-7/8"
	3425-HT	3/4"	
	7825-HT	7/8"	
	1025-HT	1"	
	1125-HT*	3/4" Pipe	
3"	1525-HT*	1" Pipe	3-1/2"
	5827-HT*	5/8"	
	3427-HT	3/4"	
	7827-HT	7/8"	
	1027-HT	1"	
	1127-HT*	3/4" Pipe	
3-1/2"	1527-HT*	1" Pipe	Casing
	3435-HT*	3/4"	
3-1/2"	7835-HT*	7/8"	Casing
	1035-HT*	1"	
3-1/2"	1135-HT*	3/4" Pipe	Casing
3 1/2"	1535-HT*	1" Pipe	Casing

Twist-on Guides			
Sucker Rod Size	Part Number	G.D. of Guides (Total ID)	Tubing Size
5/8"	TO-5820	1-3/4"	2-3/8"
3/4"	TO-3420	1-3/4"	2-3/8"
7/8"	TO-7820	1-3/4"	2-3/8"
3/4"	TO-3425	2-1/8"	2-7/8"
7/8"	TO-7825	2-1/8"	2-7/8"

Rod Stripper Rubbers

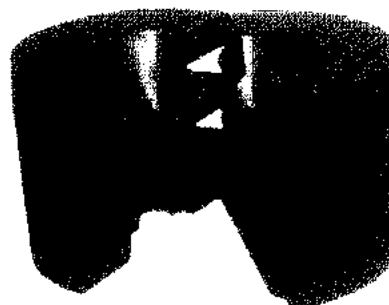


Rod Stripper Rubbers - Excellent Service Life

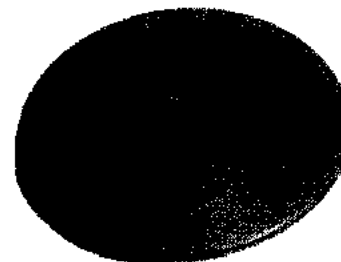
Rod Stripper Rubbers efficiently remove oil and other fluids from the rod string being pulled from the well. The special abrasion and wear-resistant rubber compound used in the stripper rubbers assures maximum product service life.

Stripper Rubbers

Part Number	Oil Saver Type	Wireline Size
BRS-FINGER	E.E. Stripper	5/8" - 1"
RS-5350	E.E. Stripper	All Rod Sizes
RS-5058	BJ Praetet	5/8" Rod
RS-5034	BJ Praetet	3/4" Rod
RS-5078	BJ Praetet	7/8" Rod
RS-5100	BJ Praetet	1" Rod
RS-Pigtail	BJ "Pigtail"	All Rod Sizes



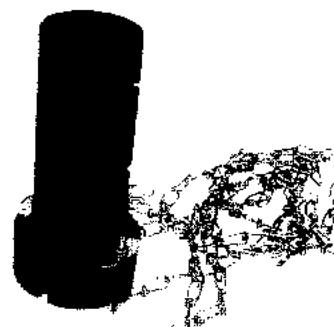
"BRS" Rod Stripper Rubber



BJ Type Rod Stripper

BJ Wireline Wiper

Part Number	Oil Saver Type	Wireline Size
OSBJ	BJ Stipple	1/2" - 7/8"
OSBJ-1/4	BJ Stipple	1/4" - 5/8"



BJ Wireline Wiper



Guiberson Type



BIW PX-107



Gulfco Type S6, GSR



Hercules Type



NH type 4 in 1



Petromec "Flex Grip"



OCT Type ROS



OCT Type T-16 ROS

Tubing Stripper Rubbers

DH-1315	Guiberson Type	1.315
DH-1660	Guiberson Type	1.660
DH-1900	Guiberson Type	1.900
DH-2250	Guiberson Type	2-3/8
DH-2750	Guiberson Type	2-7/8
DH-3000*	Guiberson Type	2-7/8 DP
DH-3750*	Guiberson Type	3-1/2
BIW-1-20*	BIW PX-107	2-3/8
BIW-1-25*	BIW PX-107	2-7/8
BIW-1-30*	BIW PX-107	3-1/2
GSR-12*	Gulfco Type S6	1.660
GSR-15*	Gulfco Type S6	1.900
GSR-17*	Gulfco Type S6	1.990
GSR-20*	Gulfco Type S6	2-3/8
GSR-25*	Gulfco Type S6	2-7/8
HERC-20*	HS-20, Huber Hercules	2-3/8
HERC-25*	HS-25, Huber Hercules	2-7/8
NH-12*	Norris-Hinderliter 4-1	1.660
NH-15*	Norris-Hinderliter 4-1	1.900
NH-20*	Norris-Hinderliter 4-1	2-3/8
NH-25*	Norris-Hinderliter 4-1	2-7/8
PETRO-20	Petromec "Flex Grip" 20155-3	2-3/8
PETRO-25	Petromec "Flex Grip" 20155-2	2-7/8
ROS-20*	OCT Type	2-3/8
ROS-25*	OCT Type	2-7/8
ROS-30*	OCT Type	3-1/2
RT-1617*	T-16 OCT Type	2.063
RT-1620*	T-16 OCT Type	2-3/8
RT-1625*	T-16 OCT Type	2-7/8
RT-1630*	T-16 OCT Type	3-1/2

A product of Oil States for more than thirty years. Tubing Stripper Rubbers are made from a proven oil and abrasion-resistant rubber.

*Available by special order.

Tubing can be pulled or run-in with pressure still on the well while also stripping fluids off the tubing O.D. to provide a cleaner job site.

Tubing Stripper Rubbers

Regal

Tubing Stripper Rubbers

PGSR-12*	PGSR Type	1.660
PGSR-15*	PGSR Type	1.990
PGSR-20*	PGSR Type	2-3/8
PGSR-25*	PGSR Type	2-7/8
PGSR-30*	PGSR Type	3-1/2
HS-10	Halstrip	1.315
HS-12	Halstrip	1.660
HS-15	Halstrip	1.900
HS-17	Halstrip	2-1/16
HS-20	Halstrip	2-3/8
HS-25	Halstrip	2-7/8
HS-30	Halstrip	3-1/2
RSR-10*	Rector 'S'	1.315
RSR-12*	Rector 'S'	1.660
RSR-15*	Rector 'S'	1.900
RSR-20*	Rector 'S'	2-3/8
RSR-25*	Rector 'S'	2-7/8
RSR-30*	Rector 'S'	3-1/2
LSK-20	Larkin 'K'	2-3/8
LSK-25	Larkin 'K'	2-7/8
LSK-30	Larkin 'K'	3-1/2
LSK-TS-20	Larkin 'SK'	2-3/8
LSK-TS-25	Larkin 'SK'	2-7/8
LSR-12	Larkin 'SR'	1.660
LSR-15	Larkin 'SR'	1.900
LSR-20	Larkin 'SR'	2-3/8
LSR-25	Larkin 'SR'	2-7/8
LSR-30	Larkin 'SR'	3-1/2
LSR-TS-20*	4-1 & Larkin 'SR'	2-3/8
LSR-TS-25*	4-1 & Larkin 'SR'	2-7/8
LSR-TS-30*	4-1 & Larkin 'SR'	3-1/2
MSR-20*	Marcom	2-3/8



PGSR Type



Halstrip



RSR Type



Larkin Type K



Larkin Type SR



Larkin
Top Seal

*Available by special order.

Flat Pipe Wipers and Dual Pipe Wipers

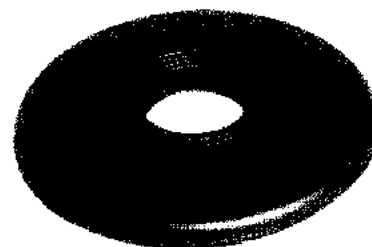
Pipe Wipers

Molded into long wearing, abrasion-resistant Pipe Wipers are eccentric grooves which act as a guide for cutting the wiper into various pipe sizes.

Pipe Wipers can also prevent foreign objects from entering the well bore by covering the annulus between the tubing and the casing.

Flat Pipe Wipers

Part Number	Size	Width
9SRL-1900-R	9"	1-1/4" - 2-1/16"
9SRL-2375-R		2-3/8"
9SRL-2875-R		2-7/8"
9SRL-3500-R		Cut to fit 3-1/2"
10HB-2375-R	10"	2-3/8"
10HB-2875-R		2-7/8"
10HB-XXXX-R		Cut to 2-7/8" - 4-1/2"
12SRL-1210-R	12"	1-1/4" - 2-1/16"
12SRL-2375-R		2-3/8"
12SRL-2875-R		2-7/8"
12SRL-XXXX-R		Cut to fit 3-1/2" to 5-1/2"
14SRL-1000-R	14"	1"
14SRL-2375-R		2-3/8"
14SRL-XXXX-R		Cut to fit 2-7/8" - 5"
17SRL-2375-R	17"	2-3/8"
17SRL-XXXX-R		Cut to fit 2-7/8" - 6"
19SRL-2375-R	19"	2-3/8"
19SRL-XXXX-R		Cut to fit 2-7/8" - 7"
22SRL-2375-R	22"	2-3/8"
22SRL-XXXX-R	22"	2-7/8" - 7"
24SRL-2375-R	24"	2-3/8"
24SRL-XXXX-R	24"	2-7/8" - 7"



Flat Pipe Wiper

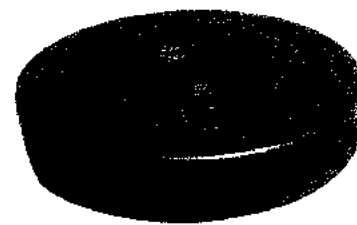
Flat Pipe Wipers - No Ring

Part Number	Size	Width
9SRL-2375-NR*	9" NO RING	2-3/8", Can be cut to fit to 3-1/2"
12SRL-2375-NR*	12" NO RING	2-3/8", Can be cut to fit to 4-1/2"
17SRL-2375-NR*	17" NO RING	2-3/8", Can be cut to fit to 6"

* Available by special order only

Dual Pipe Wipers

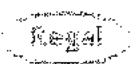
Part Number	Size	Width
14DW-2375	14"	2-3/8" - 7"
17DW-2375	17"	2-3/8" - 6"
19DW-2375	19"	2-3/8" - 7"
22DW-2375	22"	2-3/8" - 7"
24DW-2375	24"	2-3/8" - 7"



Dual Pipe Wiper

NOTE: When ordering pipe wipers, please specify tubing size.

Tubing Test Cups



Part Number	Length	Weight	Tool Size	Durometer		
150BT-2.90*	1.900"	2.90	1	90		
216BT-3.25*	2-1/16"	3.25-3.4				
238BT-0770*	2-3/8"	4.6-4.7	3/4"	70		
238BT-0790*			7/8"	90		
238BT-0870*				70		
238BT-0890				90		
238BT-1070*			1-1/16"	70		
238BT-1080*				80		
238BT-1090				90		
238BT-1091*				90		
238BT-1270				70		
238BT-1280			1-1/4"	80		
238BT-1290				90		
238BT-1291*				90		
238BT-5.95*				5.95	90	
238BT-5.95-70					70	
278BT-1070*			2-7/8"	6.4-6.5	1-1/16"	70
278BT-1090	90					
278BT-1270*	1-1/4"	70				
278BT-1280*		80				
278BT-1290*		90				
278BT-1291*		90				
278BT-1370*		70				
278BT-1380*	1-5/16"	80				
278BT-1390		90				
278BT-1391		90				
278BT-1570*	1-1/2"	70				
278BT-1580*		80				
278BT-1590		90				
278BT-1670		70				
278BT-1680*		80				
278BT-1690		90				
278BT-1691*		90				
278BT-7.90*		7.90			1.600"	90
278BT-7.90-80					80	
278BT-8.70*		8.70			1.600"	70
278BT-8.70-70	70					
350BT-1270*	3-1/2"	9.2-9.3	1-1/4"	70		
350BT-1290*			90			
350BT-1670*			1.600"	70		
350BT-1680*				80		
350BT-1690*			90			
350BT-1870*			1.875"	70		
350BT-1880*				80		
350BT-1890*				90		
350BT-2070*				70		
350BT-2080*				80		
350BT-2090*			2.000"	1.855"	90	
350BT-10.3*					10.3	
350BT-12.95					12.95	70
350BT-12.95-1670			90			
350BT-12.95-1690			90			
450BT-2870	4-1/2"	9.5-11.6	2.875"	70		
450BT-2880			80			
450BT-2890			90			

Drag Type

The standard drag-type test cup is constructed of a 70 durometer upper section with a 90 durometer lower section for greater strength. The two compounds are bonded to a steel sleeve and base to form a rugged, long lasting test cup.

Bar Type

Bar-type tubing test cups are available for six tubing sizes, various tool sizes and in 70, 80 and 90 durometer nitrile rubber compounds. A 90 durometer natural rubber compound is also available for all-weather operation. Field tests have repeatedly proven the heavy-duty capabilities of this cup.



Water Saver WS



Bar Type BT



Drag Type MT

Part Number	Length	Weight
0175*	2-1/16"	5/8"
20-MT	2-3/8"	7/8"
20-MTS	2-3/8" Hydril	7/8"
25-TC	2-7/8"	1-1/16"
30-TC	3-1/2"	1-1/4"

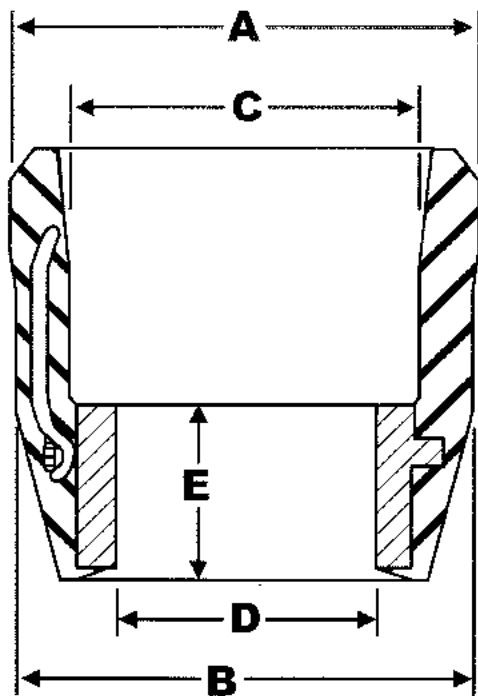
Part Number	Length	Weight
20-WS	2-3/8"	11/16"
25-WS	2-7/8"	
30-WS	3-1/2"	
20-WS-60	2-3/8"	
25-WS-60	2-7/8"	
30-WS-60	3-1/2"	

*Available by special order.

Packer Cups

Packer cups are molded from a durable oil, gas and abrasion resistant rubber compound that withstands wear and tear, even under high pressure. Each is equipped with a sturdy steel base for additional support in the critical area where the wires connect to the cup base. Oil States offers over fifty individual cups, ranging from 2-3/8" tubing thru 13-3/8" casing, with optional I.D. sizes from many popular casing sizes.

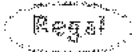
*Special compounds are available on request. High pressure cups are also available on certain sizes.



2-3/8"	4.6-4.7	1.995	2.01	1.88	1.28	1.09	0.87	P-204-1	
2-7/8"	6.4-6.5	2.441	2.46	2.29	1.67	1.34	1.25	P-254-1	
3-1/2"	7.7	3.058	3.19	2.91	1.75	1.34	1.30	P-304-2*	
	9.2-9.3	2.992	3.05		2.31	1.94	1.22	P-304-S-1*	
			3.01		1.75	1.34	1.31	P-304-1	
	10.2		3.05		2.21	1.94	1.24	P-304-S	
			3.01	1.75	1.34	1.31	P-304-1*		
					2.21	1.94	1.24	P-304-S	
4"	9.5	3.548	3.58	3.53	2.62	1.94	1.31	P-354-1*	
	11.0	3.476	3.51	3.43	2.25		1.31	P-404-1*	
	13.4	3.340	3.41	3.20	2.60		1.29	P-404-2*	
4-1/2"	9.5	4.090	4.18	3.90	2.66	2.41	1.46	P-454-1	
	11.6	4.000					1.51	P-454-DP*	
	16.6	3.826	3.93	3.72					
5"	13.0	4.494	4.52	4.37	2.66	2.41	1.46	P-504-1*	
	15.0	4.408							
	18.0	4.276	4.37	4.15			2.67	1.39	P-504-2
	20.3	4.184							
5-1/2"	13.0	5.044	5.10	4.91	3.28	2.90	1.44	P-554-1	
	15.0	5.012							
		4.950	5.01	4.83					
	17.0	4.892							
	20.0	4.778	4.95	4.64					
23.0	4.670								
6"	15.0	5.524	5.65	5.41	3.52	2.90	1.46	P-604-1*	
	18.0	5.424							
6-5/8"	20.0	6.049	6.12	5.91	4.18	3.53	1.43	P-658-2	
				5.70	4.06		1.38	P-658-3*	
	24.0	5.921	6.00	5.60	4.23	4.03	1.38	P-658-3A*	
				4.18	2.90	1.43	P-658-3C*		
				5.70	4.06	3.53	1.38	P-658-3	
				5.60	4.23	4.03	1.38	P-658-3A*	
	28.0	5.791		4.18	2.90	1.43	P-658-3C*		

*Available by special order.

Packer Cups



Cup Height	Cup ID	Cup OD	Cup Wall Thickness					Part Number	
			Top	Bottom	Side	Inner	Outer		
7"	17.0	6.538	6.60	6.39	4.06	3.53	1.38	P-704-1*	
			6.57	6.30	4.21	2.90	1.44	P-704-1C*	
	20.0	6.456	6.60	6.39	4.06	3.53	1.38	P-704-1	
			6.57	6.30	4.06	2.90	1.44	P-704-1C	
	22.0	6.396	6.52	6.27	4.06	3.53	1.38	P-704-1A	
			6.50	6.22	4.45	4.03	1.44	P-704-1B*	
	24.0	6.336	6.52	6.27	4.06	3.53	1.38	P-704-1A	
			6.22	4.45	4.03	3.53	1.38	P-704-1B*	
	26.0	6.276	6.34	6.09	4.06	3.53	1.38	P-704-2	
					4.19	4.03	1.40	4.06	2.90
	29.0	6.184	6.34	6.09	4.06	3.53	1.38	P-704-2	
					4.19	4.03	1.40	4.06	2.90
32.0	6.094	6.12	5.9*	4.18	3.53	1.43	P-658-2		
				4.06	2.90	1.38	4.06	2.90	1.38
35.0	6.004	6.12	5.91	4.18	3.53	1.43	P-658-2		
				4.06	2.90	1.38	4.06	2.90	1.38
38.0	5.920	6.00	5.60	4.06	3.53	1.38	P-658-3		
				4.23	4.03	1.38	4.18	2.90	1.43
7-5/8"	24.0	7.025	7.15	6.92	4.61	2.04	P-758-1		
							P-758-1		
	29.7	6.875	6.90	6.74	4.63	3.53	2.00	P-758-2	
							P-758-2		
	33.7	6.765	6.73	6.51	4.63	3.53	1.96	P-758-3*	
P-758-3*									
8-5/8"	20.0	8.191	8.24	8.02	5.04	3.53	P-904-1*		
						4.53	1.57	P-904-1B*	
	28.0	8.017	8.03	7.67	5.30	4.53	1.56	P-858-1*	
							5.75	5.53	P-858-1A*
							5.30	3.53	P-858-1B*
	36.0	7.825	8.03	7.67	5.30	4.53	1.56	P-858-1	
							5.75	5.53	P-858-1A*
	40.0	7.725	7.76	7.49	5.35	4.53	1.56	P-858-2*	
							3.53	1.56	P-858-2B*
	44.0	7.625	7.76	7.49	5.35	4.53	1.56	P-858-2*	
							3.53	1.56	P-858-2B*



Cup Height	Cup ID	Cup OD	Cup Wall Thickness					Part Number
			Top	Bottom	Side	Inner	Outer	
9-5/8"	29.3	9.063	9.21	8.67	5.02	3.53	1.77	P-958-2*
								5.77
	36.0	8.921	9.21	8.67	5.02	3.53	1.77	P-958-2
								5.77
	40.0	8.835	8.90	8.45	5.03	4.53	1.81	P-958-1A
								3.53
	43.5	8.755	8.90	8.45	5.03	4.53	1.81	P-958-1B
								3.53
	47.0	8.681	8.80	8.42	5.80	4.53	1.64	P-958-3A
								5.53
	53.5	8.535	8.80	8.42	5.80	4.53	1.64	P-958-3
								5.53
10-3/4"	40.5	10.050	10.17	9.71	5.83	1.64	P-1075*	
							3.53	1.64
	55.5	9.760	9.85	9.30	4.53	1.64	P-1075	
							3.53	1.64
11-3/4"	38.0	11.150	11.25	10.50	6.12	4.53	1.65	P-1175-1
							5.95	3.53
	54.0	10.880	11.25	10.50	6.12	4.53	1.65	P-1175-1
5.95								3.53
12"	40.0	11.384	11.82	11.38	7.22	4.53	1.69	P-1200*
			11.38	10.38	7.22	4.53	1.69	P-1200-B*
13-3/8"	54.5	12.615	12.68	12.29	7.10	4.53	1.72	P-1338-1*
								72.0

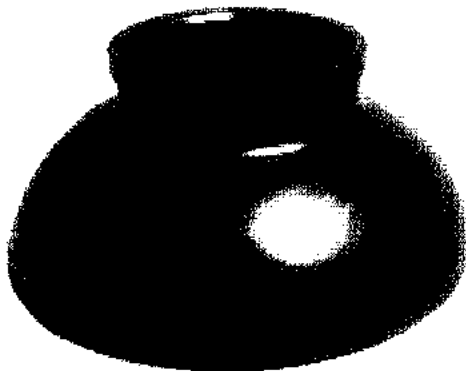
*Available by special order.

*Available by special order.

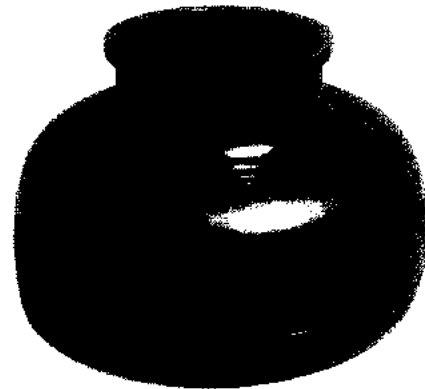
Replacement Pulsation Diaphragms and Accessories

Replacement Pulsation Diaphragms

Part Number	Description
RPD-10*	RPD-10, Pulsation Dampener Diaphragm, 10 gallon
RPD-20*	RPD-20, Pulsation Dampener Diaphragm, 20 gallon
RPD-55*	RPD-55, Pulsation Dampener Diaphragm, 20 gallon



RPD-10/20 Hydril Type

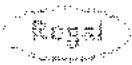


Continental Emsco RPD-55 Type

RPD-10/20 Accessories

Part Number	Description
RPD-10-SR*	RPD-10-SR, Stabilizer Rubber for RPD-10
RPD-B*	RPD-10-B, Bolt for RPD-10
RPD-10-W*	RPD-W, Washer for RPD-10 & RPD-20
RPD-P*	RPD-MP, Mounting Plate for RPD-10 & RPD-20
RPD-10-KIT*	RPD-10-SK, Stabilizer Kit for RPD-10
RPD-20-SR*	RPD-20-SR, Stabilizer Rubber for RPD-20
RPD-20-B*	RPD-20-B, Bolt for RPD-20
RPD-20-KIT*	RPD-20-SK, Stabilizer Kit for RPD-20

Drill Pipe / Casing Protectors and Accessories



Drill Pipe/Casing Protectors

The Regal Drill Pipe/Casing Protectors (DPPs) are steel reinforced rubber pads which, when installed around the drill pipe, offer an expendable downhole wear surface. They are designed to protect the casing (DP) from bit string wear. They are recommended for deep holes, deviated holes, high speed drilling, high torque and offshore applications.

Drill Pipe / Casing Protectors

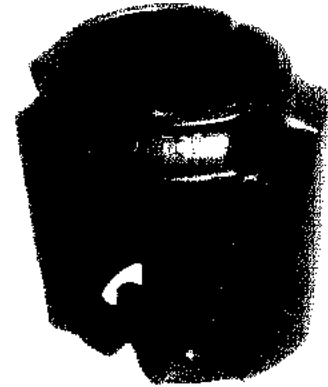
Part Number	DP Size	DP Length
DPP-2845-F	2-7/8"	4-9/16"
DPP-3552-F	3-1/2"	5-1/4"
DPP-3557-F	3-1/2"	5-3/4"
DPP-3656-F	3-5/8"	5-5/8"
DPP-4056-F	4"	5-5/8"
DPP-4067-F	4"	6-3/4"
DPP-4572-F	4-1/2"	7-1/4"
DPP-5072-F	5"	7-1/4"
DPP-5075-F	5"	7-1/2"
DPP-5580-F	5-1/2"	8"
DPP-3552-S	3-1/2"	5-1/4"
DPP-4567-S	4-1/2"	6-3/4"
DPP-5070-S	5"	7"
DPP-5072-S	5"	7-1/4"
DPP-5075-S	5"	7-1/2"
DPP-5577-S	5-1/2"	7-3/4"

F - Fluted

S - Slick

Material for Extreme Well Conditions

Available Upon Request

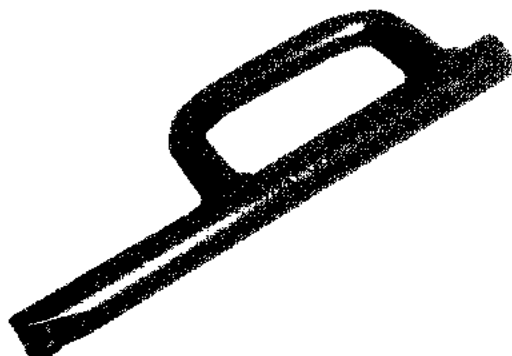


DPP Fluted



DPP Slick

DPP Pin



DPP Tool

DPP Accessories

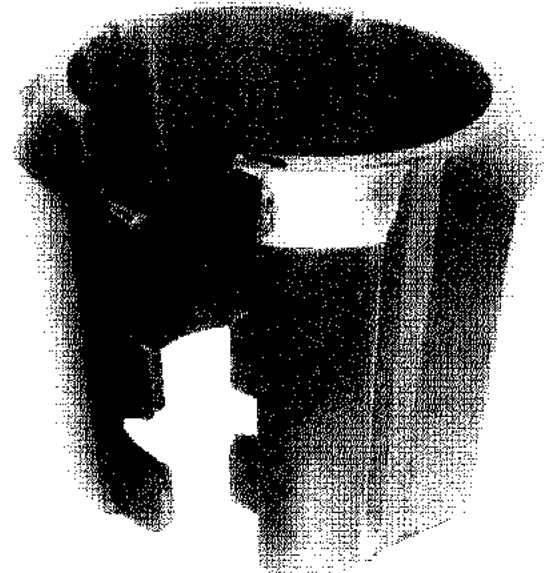
Part Number	Description
AIR GUN	Pneumatic Gun
AIR GUN TIP	Installation Tool For Air Gun
DPP-PIN	DPP Regular Taper Pin
DPP-PIN-U	DPP Undersized Taper Pin
DPP-TOOL	DPP Manual Installation Tool

Regal Control Line Protectors

The Control King™

With today's well completion and production costs, the efficiency of downhole equipment must be maximized and production interruptions minimized. Well completions using control lines, sensor lines and submersible pump cables are expensive and repairs are both costly and time consuming. Thus, careful consideration must be given to protection of these lines and cables.

The most practical and economical method of protecting lines and cables is with a REGAL Control King control line protector. Regal's patented Control King protectors are designed to provide maximum protection while minimizing installation cost. By incorporating the field proven technology of our drill pipe protectors, REGAL offers a control line protector unmatched in quality and performance - the Control King.



FEATURES:

There are certain unique features associated with REGAL's Control King control line protectors. They are:

- (1) **Hinged Can:** Regal originated the hinged can and two-piece molding of the protector. The hinge makes the REGAL Control King the most efficient to install, remove and enables it to be reused.
- (2) **Minimum Rubber Between Can and Pipe:** Because REGAL Control King is locked into the tubing or pipe with a long, tapered pin to provide gripping force, a minimum pad of rubber is used between can and pipe. This thin pad is less inclined to creep than thick pads.
- (3) **Long Tapered Pin:** The REGAL design allows the tapered pin to be driven through the latch mechanism, thus providing a tight, uniform load even on undersize or oversize tubing and pipe to prevent slippage.
- (4) **Narrow, Full Length Flutes:** Flutes are designed to maximize fluid bypass and minimize mechanical drag during run-in. the REGAL Control King is molded from a high modulus, abrasion resistant material formulated to maintain tubing or pipe centralization under even the most severe conditions.
- (5) **Reinforced Slot Structure:** The design of the REGAL Control King cage incorporates a triangularly reinforced bridge over the control line or cable slot to provide controlled clamping pressure to the control line or cable while providing a tight uniform grip on the pipe. The REGAL Control King series of control line protectors is designed to be adapted to the varying casing I.D.'s and varying control line or cable configurations. The Control King protectors can be adapted to meet your specialized applications at a minimum tooling cost. Any combination of casing I.D. and control line configuration is available.

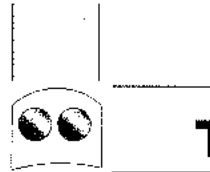
CLP Ordering Information



Ordering information required:
A: Tubing size and weight
B: Maximum CLP O.D.
C: Casing size and weight
D: Cable size including width, thickness and radii
E: Line size including diameter and number of lines
F: Well Bore conditions (pressure, temperature, H₂S, CO₂, etc.)

Radius

Width

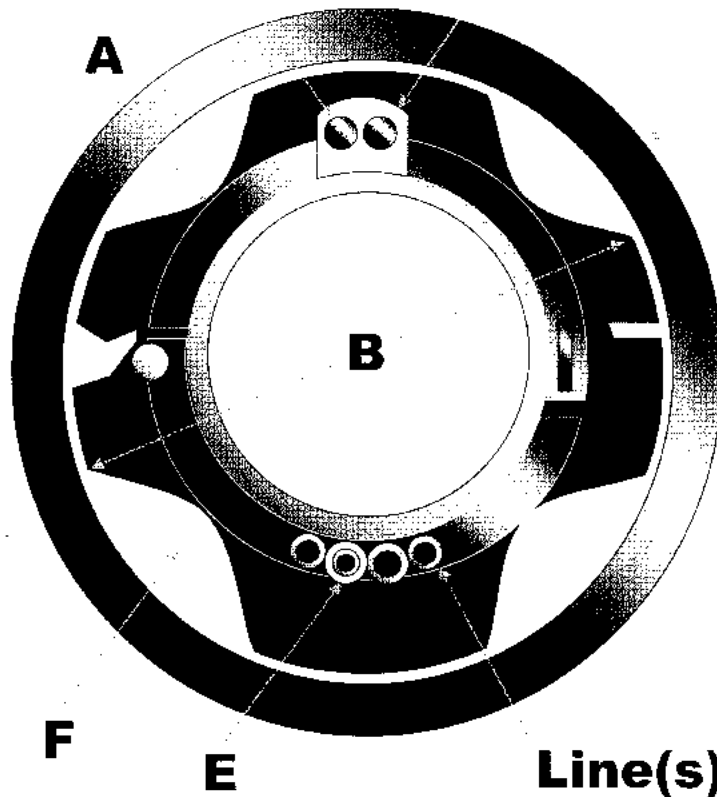


Thickness

Cable

D

C



A

B

F

E

Line(s)



Diameter

For over 60 years, Oil States has provided a wide array of elastomeric and plastic products for the oil & gas, defense, construction and general industries. Oil States maintains a high level of technical competency in engineering, development and manufacturing. Oil States swab cups and packer elements are molded from a variety of custom elastomers and meet the most demanding quality requirements in the industry. Oil States Industries, Inc. has representatives carrying the Oil States and Regal product lines at the following locations:

California
Long Beach, CA
Bakersfield, CA
Ventura, CA
Taft, CA

Colorado
Greeley, CO

Illinois
Olney, IL

Kansas
Great Bend, KS

Louisiana
Bossier City, LA
Houma, LA
Lafayette, LA

Mississippi
Natchez, MS
Laurel, MS

New Mexico
Farmington, NM
Hobbs, NM

North Dakota
Williston, ND

Ohio
Wooster, OH

Oklahoma
Choctaw, OK
Oklahoma City, OK

Texas
Abilene, TX
Alice, TX
Decatur, TX
Houston, TX
Kilgore, TX
Odessa, TX
Victoria, TX

Utah
Vernal, UT

Wyoming
Casper, WY
Gillette, WY
Rock Springs, WY

Canada
Nisku, Alberta

Terms and Conditions

Regal

Terms and Conditions of Sale

Effective December 1, 2012

Oil States Industries, Proprietary Oilfield Products, is hereafter referred to simply as Oil States.

Warranty

All Oil States products are guaranteed to be free from defects in both workmanship and materials for a period of one year from date of purchase under recommended use or service. This guarantee and the liability of Oil States, however, is limited solely to the replacement of defective parts or refund of purchase price.

Payment Terms

Net 30 Days with Approved Credit, else Payment in Advance of shipping. Master Card and Visa are accepted.

Freight Allowance

FOB Point of Shipment, Ex-works.

Export Sales

Export sales will be made only through the Proprietary Sales Department, Oil States Industries, Inc, Arlington, Texas

Pricing Policy

1. The schedule of discounts and terms and conditions of sales cannot be altered without written approval of the Proprietary Sales Department, Oil States, Arlington, Texas.
2. Minimum charge on all sales, excluding discounts, labor, freight, and other service charges will be \$75.00.
3. All published catalog list price and discount schedules are subject to change without notice.
4. All items classified as "Available by Special Order" are not carried in warehouse stock; delivery might exceed that normally experienced. A Minimum Order of \$500.00 net per line item may be charged on "Special Order" items. Sales on these items are final, and cannot be returned for credit. Contact the Proprietary Sales Department for details on "Special Order" items.

Return Goods

1. Permission must be secured from Oil States prior to return of any merchandise.
2. List of material submitted for return must show date of purchase and invoice number.
3. All return merchandise is subject to inspection by Oil States and must consist of items being actively offered for sale by Oil States.
4. A restocking charge of 15% will be made on all merchandise returned within 90 days after date of purchase. A restocking charge of 25% will be made on merchandise returned after 90 days. Freight must be prepaid by shipper on all returned goods.
5. Credit will be allowed only on merchandise returned within one year of purchase date.
6. Refunds on returned merchandise will be issued in cash or in merchandise credit. Merchandise refunds in form of credit can be applied against future purchases from Oil States, but in no case to exceed fifty percent of any one month's purchase.



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