



STRIPPER, WIPER, & CASING RUBBERS

1400 AND 1358 SERIES	NATURAL	PIPE SIZE	URETHANE	PIPE SIZE	BUTYL	PIPE SIZE
	4010-AA	1"	4010-AOB	2" - 2 3/8"	4010-ABU	2" - 2 3/8"
	4010-AA	1 1/2"	4010-BOB	2 7/8" - 3 1/2"	4010-BBU	2 7/8" - 3 1/2"
	4010-A	2" - 2 7/8"	4010-COB	4" - 4 1/2"	4010-CBU	4" - 4 1/2"
	4010-B	3 1/2" - 4"	4010-DOB	5"	4010-DBU	5"
	4010-C	4 1/2" - 5"	4010-EOB	5 1/2"	4010-EBU	5 1/2"
	4010-D	5 1/2"				
	4010-E	6 5/8"				
	4010-F	7 5/8"				
	4010-G	8 5/8"				
	4010-H	8"				

1300 SERIES	NATURAL	PIPE SIZE	URETHANE	PIPE SIZE	BUTYL	PIPE SIZE
	1024-1	1 1/2" - 2 3/8"	1024-20B	2" - 2 3/8"	1024-2BU	2" - 2 3/8"
	1024-2	2 3/8" - 2 7/8"	1024-30B	2 7/8" - 3 1/2"	1024-3BU	2 7/8" - 3 1/2"
	1024-3	3 1/2" - 4"	1024-40B	4" - 4 1/2"	1024-4BU	4" - 4 1/2"
	1024-4	4 1/2" - 5"	1024-50B	5"	1024-5BU	5"
	1024-5	5 1/2" - 6"	1024-60B	5 1/2"	1024-6BU	6"
	1024-6	6" - 6 5/8"				



1510-8AR	2" - 2 3/8"			1510-8AB	2" - 2 3/8"
1510-8BR	3 1/2" - 4"			1510-8BB	3 1/2" - 4"
1510-8CR	4 1/2"			1510-8CB	4 1/2"
1510-8DR	5" - 5 1/2"			1510-8DB	5" - 5 1/2"


1300-9 SERIES	NATURAL 9"	PIPE SIZE	BUTYL 9"	PIPE SIZE
	1510-9AR	2" - 2 3/8"	1510-9AB	2" - 2 3/8"
	1510-9BR	3 1/2" - 4"	1510-9BB	3 1/2" - 4"
	1510-9CR	4 1/2"	1510-9CB	4 1/2"
	1510-9DR	5" - 5 1/2"	1510-9DB	5" - 5 1/2"
	1510-9ER	6" - 6 5/8"	1510-9EB	6" - 6 5/8"

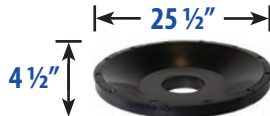
Material	Drill Media	Max Media Temp	Durability/Life
Natural Rubber	Air and water	230°F/110°C	Very Good
Urethane	Oil based/synthetic mud	180°F/82°C	Very Good
Butyl	Air and water	260°F/130°C	Fair


* Can provide custom bore sizes upon request

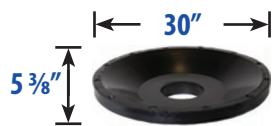
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STRIPPER, WIPER, & CASING RUBBERS

1300 AND 1400 SERIES	CASING SIZE	
	7010-AAA	5"
	7010-AA	6"
	7010-A	7"
	7010-B	7 5/8"
	7010-C	8"
	7010-D	8 5/8"
	7010-E	9 5/8"
	7010-F	10 3/4"
	7010-G	11"

1357 SERIES	CASING SIZE	
	1110-A	7"
	1110-B	8 5/8"
	1110-C	9 5/8"
	1110-D	10 3/4"
	1110-E	13 3/8"
	1110-F	16"
	1110-G	18"
	1110-H	20"

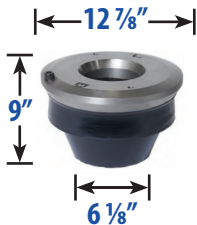
1357 SERIES	WITHOUT CORE	CASING SIZE	WITH CORE	CASING SIZE
	1010-A	7"	1010-AC	7"
	1010-B	8 5/8"	1010-BC	8 5/8"
	1010-C	9 5/8"	1010-CC	9 5/8"
	1010-D	10 3/4"	1010-DC	10 3/4"
	1010-E	13 3/8"	1010-EC	13 3/8"
	1010-F	11 3/4"	1010-FC	11 3/4"





8010-A	6 5/8"	8010-AC	6 5/8"
8010-B	7"	8010-BC	7"
8010-C	8 5/8" - 9"	8010-CC	8 5/8" - 9"
8010-D	9 5/8" - 10"	8010-DC	9 5/8" - 10"
8010-E	10 3/4" - 11"	8010-EC	10 3/4" - 11"
8010-F	11 1/2" - 12"	8010-FC	11 1/2" - 12"
8010-G	13 3/8"	8010-GC	13 3/8"
8010-H	14" - 14 1/2"	8010-HC	14" - 14 1/2"
8010-I	16"	8010-IC	16"
8010-J	18"	8010-JC	18"
8010-K	20"	8010-KC	20"
8010-L	24"	8010-LC	24"


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STRIPPER, WIPER, & CASING RUBBERS

1360 SERIES	NATURAL	TUBING SIZE	BUTYL	TUBING SIZE
	9010-AAX	1 1/2"	9010-AXBU	2 3/8"
	9010-AX	2 3/8"	9010-BXBU	2 7/8"
	9010-BX	2 7/8"	9010-CXBU	3 1/2"
	9010-CX	3 1/2"	9010-DXBU	4 1/2"
	9010-DX	4 1/2"	9010-EXBU	5 1/2"
	9010-EX	5 1/2"		


2000 SERIES	NATURAL	PIPE SIZE	URETHANE	PIPE SIZE	BUTYL	PIPE SIZE
	2010-A	2" - 2 7/8"	2010-AOB	2" - 2 7/8"	2010-ABU	2 3/8" - 2 7/8"
	2010-B	3 1/2" - 4"	2010-BOB	2 7/8" - 3 1/2"	2010-BBU	3 1/2" - 4"
	2010-C	4 1/2" - 5"	2010-COB	3 1/2" - 4 1/2"	2010-CBU	4 1/2" - 5"

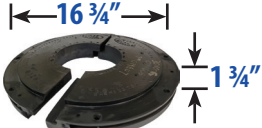
2300 SERIES	NATURAL	PIPE SIZE	URETHANE	PIPE SIZE	BUTYL	PIPE SIZE
	4010-VA	2" - 2 7/8"	4010-VAOB	2" - 2 3/8"	4010-VABU	2" - 2 3/8"
	4010-VB	3 1/2" - 4"	4010-VBOB	2 7/8" - 3 1/2"	4010-VBBU	2 7/8" - 3 1/2"
	4010-VC	4 1/2" - 5"	4010-VCOB	4" - 4 1/2"	4010-VCBU	4" - 4 1/2"
	4010-VD	5 1/2"	4010-VDOB	5"	4010-VDBU	5"

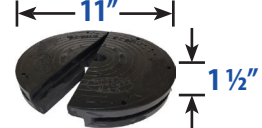
2300 SERIES	NATURAL	CASING SIZE
	7010-VA	6"
	7010-VB	6 5/8"
	7010-VC	7"
	7010-VD	7 5/8"
	7010-VE	8"
	7010-VF	8 5/8"
	7010-VG	9 5/8"



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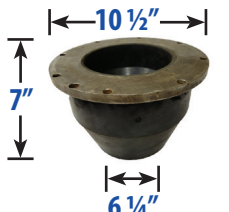
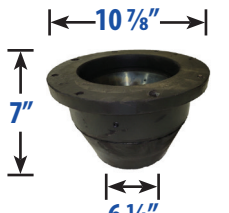
STRIPPER, WIPER, & CASING RUBBERS

GRANT SERIES	NATURAL	PIPE SIZE	URETHANE	PIPE SIZE	BUTYL	PIPE SIZE
	4010-AG	2" - 2 7/8"	4010-AGOB	2" - 2 3/8"	4010-AGBU	2" - 2 3/8"
	4010-BG	3 1/2" - 4"	4010-BGOB	2 3/8" - 3 1/2"	4010-BGBU	2 7/8" - 3 1/2"
	4010-CG	4 1/2" - 5"	4010-CGOB	4" - 4 1/2"	4010-CGBU	4" - 4 1/2"
	4010-DG	5 1/2"	4010-DGOB	5"	4010-DGBU	5"
	4010-EG	6 5/8"				
	4010-FG	7 5/8"				

3000 SERIES	NATURAL	PIPE SIZE
	3010-AA	1 1/2"
	3010-A	2" - 2 3/8"
	3010-B	3 1/2"
	3010-C	4 1/2"
	3010-D	4"
	3010-E	5"
	3010-F	5 1/2"
	3010-G	6 5/8"
	3010-H	7"
	3010-H-CP	7"
	3010-I	7 5/8"
	3010-J-CP	8 5/8"
	3010-K	6"
	3010-K-CP	9 5/8"
3010-L-CP	10 3/4"	

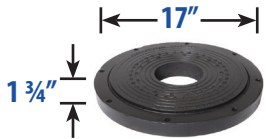
4000 SERIES	NATURAL	PIPE SIZE
	4012-A	1 3/8" - 1 5/8"
	4012-B	1 3/4" - 2"
	4012-C	2 1/8" - 2 3/8"
	4012-D	2 3/4"
	4012-E	3"
	4012-F	3 1/2"
	4012-G	4"
	4012-H	4 1/2"

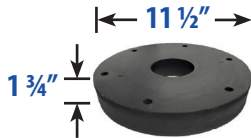
STRIPPER RUBBERS	NATURAL	PIPE SIZE	CORE
	5110-AA	2"	YES
	5110-A	2 3/8"	YES
	5110-B	2 7/8"	YES
	5110-C	3 1/2"	YES
	5110-D	4 1/2"	YES
	5110-NCA	2 3/8"	NO
	5110-NCB	2 7/8"	NO
	5110-NCC	3 1/2"	NO
	5110-NCD	4 1/2"	NO


STRIPPER RUBBERS	NATURAL	PIPE SIZE	CORE
	5210-A	2 3/8" - 2 7/8"	YES
	5210-B	3 1/2"	YES
	5210-C	4"	YES
	5210-D	4 1/2"	YES
	5210-NCA	2 3/8" - 2 7/8"	NO
	5210-NCB	3 1/2"	NO
	5210-NCC	4"	NO
	5210-NCD	4 1/2"	NO

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STRIPPER, WIPER, & CASING RUBBERS

WIPER RUBBERS	NATURAL	PIPE/CASING SIZE
	5010-A	2" - 2 7/8"
	5010-B	3 1/2" - 4"
	5010-C	4 1/2"
	5010-D	5" - 5 1/2"
	5010-E	6" - 6 5/8"
	5010-F	8"
	5010-G	8 5/8"

WIPER RUBBERS	NATURAL	PIPE SIZE
	5012-A	2" - 2 7/8"
	5012-B	3 1/2" - 4"
	5012-C	4 1/2"
	5012-D	5" - 5 1/2"

AW SERIES	NATURAL	PIPE SIZE
	AW4010-A	2" - 2 7/8"
	AW4010-B	3 1/2" - 4"
	AW4010-C	4 1/2"

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