



**Midcontinent (Aberdeen) Limited**

Blackness Road  
Altens Industrial Estate  
Aberdeen AB12 3LH

**Tel: +44(0)1224 249400**

## **Sponge balls designed for cleaning Drill pipe and casing**

Our sponge ball diameters range from 15 mm up to 500 mm.

Pipe cleaning balls have to be robust, durable, and at the same time extremely flexible.

Sub-standart cleaning balls with short lifespan and insufficient cleaning effect endanger the to be cleaned applications and cause additional costs for the end user.

sponge rubber balls are made with refined rubber formulations and production procedures.

Sponge Balls are applied in all kinds of industries where hoses or pipe systems have to be regularly cleaned from the inside.

This spans from concrete pumps to cosmetic industries, agricultural facilities, off shore oil rigs etc.

### **Physical features:**

Standardized sizes, weights, densities and porosities  
Homogenic cellular surface  
High tear resistance  
High abrasion resistance  
High elongation and elasticity  
Long shelf life

Furthermore we can offer our business partners:

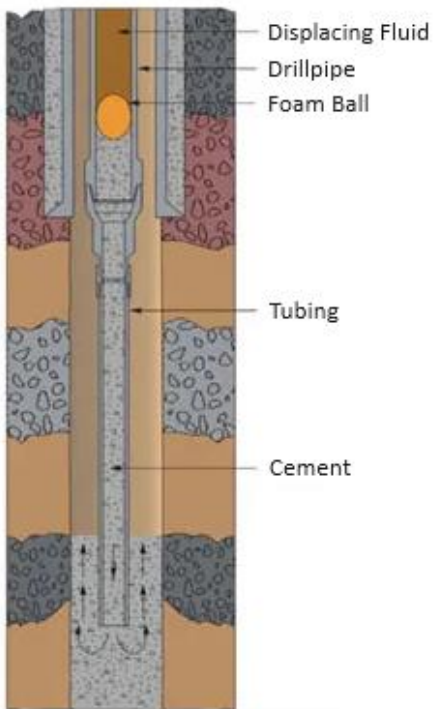
- Flexibility in packaging – We can supply you with or without individually packed sponge balls
- Flexibility in color – We can manufacture in different colors than orange upon request
- Flexibility in ball sizes – We can supply you with custom sizes according to your requirements



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<b>MATERIAL</b>	<b>NATURAL RUBBER (NR)</b>		
<b>COLOUR</b>	Natural <b>ORANGE</b> pigment applied. Other colours on demand.		
<b>BALL DIAMETERS</b>	Available from 15 mm (0.59 in) to 500 mm (19.69 in)		
<b>DENSITY / TYPE</b>	<b>RG 160 – SOFT</b>	<b>RG 200 –</b>	<b>RG 300 – HARD SMALL</b>
<b>SURFACE CELLS</b>	<b>LARGE</b>	<b>MEDIUM</b>	<b>800 %</b>
<b>PARTING STRETCH</b>	<b>960 %</b>	<b>MEDIUM</b>	<b>35 N/m2</b>
<b>TENSILE STRENGTH</b>	<b>32 N/m2</b>	<b>810 %</b>	<b>30 N/m2</b>
<b>THERMAL RESIST.</b>	<b>-40 °C (-40 °F) to +130 °C (302 °F)</b>		
<b>ABRASION RESIST.</b>	<b>ABOVE AVERAGE.</b>		
<b>OZONE RESISTANCE</b>	<b>UV PROTECTION ADDITIVES APPLIED.</b>		
<b>SHELF LIFE</b>	<b>UP TO 6 YEARS.</b>		

Sizes held in stock are:

3 inches  
4 inches  
5 inches  
6 inches  
7 inches  
8 inches

Please contact [sales@midcontinent.co.uk](mailto:sales@midcontinent.co.uk) to make an enquiry.



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## SPONGE RUBBER BALLS

### LIST

#### S M A L L S I Z E S

BALL DIAMETER		FIRMNESS and DENSITY		Ca. WEIGHT
mm	Ø Inches "		RG	Gram per pcs.
30 mm	1 1/16"	SOFT	RG 160	4 g ± 1 g
30 mm	1 1/16"	MEDIUM	RG 200	5 g ± 1 g
30 mm	1 1/16"	HARD	RG 300	6 g ± 1 g
40 mm	1 1/2"	SOFT	RG 160	8 g ± 1 g
40 mm	1 1/2"	MEDIUM	RG 200	10 g ± 1 g
40 mm	1 1/2"	HARD	RG 300	12 g ± 1 g
50 mm	2"	SOFT	RG 160	16 g ± 2 g
50 mm	2"	MEDIUM	RG 200	18 g ± 2 g
50 mm	2"	HARD	RG 300	24 g ± 4 g
60 mm	2 3/8"	SOFT	RG 160	25 g ± 4 g
60 mm	2 3/8"	MEDIUM	RG 200	30 g ± 4 g
60 mm	2 3/8"	HARD	RG 300	40 g ± 6 g
70 mm	2 3/4"	SOFT	RG 160	35 g ± 5 g
70 mm	2 3/4"	MEDIUM	RG 200	40 g ± 5 g
70 mm	2 3/4"	HARD	RG 300	60 g ± 8 g
80 mm	3 1/8"	SOFT	RG 160	50 g ± 6 g
80 mm	3 1/8"	MEDIUM	RG 200	58 g ± 6 g
80 mm	3 1/8"	HARD	RG 300	84 g ± 8 g
90 mm	3 1/2"	SOFT	RG 160	70 g ± 8 g
90 mm	3 1/2"	MEDIUM	RG 200	80 g ± 8 g
90 mm	3 1/2"	HARD	RG 300	120 g ± 10 g



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#### S T A N D A R D S I Z E S

BALL DIAMETER		FIRMNESS and DENSITY		Ca. WEIGHT
mm	Ø Inch "	RG		Gram per pcs.
100 mm	4"	SOFT	RG 160	105 g ± 15g
100 mm	4"	MEDIUM	RG 200	115 g ± 15g
100 mm	4"	HARD	RG 300	165 g ± 20g
125 mm	5"	SOFT	RG 160	200 g ± 20g
125 mm	5"	MEDIUM	RG 200	225 g ± 20g
125 mm	5"	HARD	RG 300	325 g ± 25g
150 mm	6"	SOFT	RG 160	350 g ± 20g
150 mm	6"	MEDIUM	RG 200	410 g ± 20g
150 mm	6"	HARD	RG 300	540 g ± 25g
175 mm	7"	SOFT	RG 160	510 g ± 20g
175 mm	7"	MEDIUM	RG 200	580 g ± 25g
175 mm	7"	HARD	RG 300	880 g ± 30g
200 mm	8"	SOFT	RG 160	810 g ± 40g
200 mm	8"	MEDIUM	RG 200	921 g ± 42g
200 mm	8"	HARD	RG 300	1319 g ± 60g



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## SPONGE RUBBER BALLS

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#### LARGE SIZES

BALL DIAMETER		FIRMNESS and DENSITY		Ca. WEIGHT
mm	Ø Inches "	RG		Gram per pcs.
220 mm	8 5/8"	SOFT	RG 160	887 g ± 25g
220 mm	8 5/8"	MEDIUM	RG 200	1110 g ± 25g
220 mm	8 5/8"	HARD	RG 300	1667 g ± 30g
250 mm	9 7/8"	SOFT	RG 160	1303 g ± 25g
250 mm	9 7/8"	MEDIUM	RG 200	1630 g ± 25g
250 mm	9 7/8"	HARD	RG 300	2448 g ± 30g
270 mm	10 5/8"	SOFT	RG 160	1643 g ± 30g
270 mm	10 5/8"	MEDIUM	RG 200	2057 g ± 30g
270 mm	10 5/8"	HARD	RG 300	3085 g ± 40g
300 mm	11 7/8"	SOFT	RG 160	2256 g ± 30g
300 mm	11 7/8"	MEDIUM	RG 200	2822 g ± 30g
300 mm	11 7/8"	HARD	RG 300	4235 g ± 40g
305 mm	12"	SOFT	RG 160	2370 g ± 30g
305 mm	12"	MEDIUM	RG 200	2970 g ± 30g
305 mm	12"	HARD	RG 300	4448 g ± 30g
355 mm	14"	SOFT	RG 160	3742 g ± 40g
355 mm	14"	MEDIUM	RG 200	4685 g ± 40g
355 mm	14"	HARD	RG 300	7021 g ± 50g
380 mm	15"	SOFT	RG 160	4585 g ± 45g
380 mm	15"	MEDIUM	RG 200	5746 g ± 45g
380 mm	15"	HARD	RG 300	8613 g ± 60g