



Document Name : Wiper Foam Ball Data Sheet
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 Available Foam Wiper Ball Sizes:

General Size Reference in.(mm)	Actual Size in.(mm)	Part No	Typical wiping range in. (mm)	Minimal restriction*** in. (mm)
3.00 (76.10)	3.15 (80)	WP10003	2.5 to 1.10 (63.5 to 27.90)	0.500 (12.7)
4.00 (102.00)	3.94 (100)	WP10004	3.12 to 1.38 (79.20 to 35.10)	0.625 (15.9)
5.00 (127.00)	4.92 (125)	WP10005	4.00 to 1.75 (101.60 to 44.50)	0.750 (19.1)
6.00 (152.40)	5.91 (150)	WP10006	4.75 to 2.00 (120.70 to 50.80)	0.875 (22.20)
7.00 (178.10)	6.89 (175)	WP10007	5.50 to 2.38 (139.70 to 60.50)	1.000 (25.40)
8.00 (203.00)	7.87 (200)	WP10008	7.00 to 3.00 (177.80 to 76.20)	1.375 (34.90)
9.00 (225.00)	8.85 (225)	WP10009	8.00 to 3.20 (203.20 to 81.28)	1.440 (36.58)
10.00 (250.00)	9.84 (250)	WP10010	8.40 to 3.51 (213.35 to 89.15)	1.500 (38.10)
11.00 (275.00)	10.82 (275)	WP10011	8.75 to 3.75 (222.30 to 95.30)	1.750(44.50)
12.00 (300.00)	11.81 (300)	WP10012	9.00 to 4.32 (228.60to 109.73)	2.000 (50.80)

*** Custom sizes and special features upon request. Please feel free to ask for more information***

Foam Wiper Balls

The foam wiper ball is designed to wipe drill pipe or tubing string clean of cement, fluids, or debris and can be used to separate fluids.

These wiper balls are made of natural rubber of open cell design.

The foam ball has a parting stretch of 380 to 440%, which means it can pass through small restrictions without being damaged. It easily passes through internal upset restrictions, such as mechanical setting tools, diverters, and liner running tools, and multiple balls can be pumped, if necessary.

The foam wiper ball is not recommended to use on cementing work where the ball must continuously pass through extremely tight restrictions repeatedly.

Foam wiper balls cannot be preinstalled into a plug container because the foam ball can be sucked past the plunger prematurely.

Features:

- * Can efficiently wipe combination drill pipe and tubing strings with various inside diameters.
- * Used in wells with a temperature range of 40 to 302°F (4 to 150°C).
- * The wiper ball can be loaded into drill pipe or tubing connections.
- * Foam wiper balls have been used with all types of drilling and displacement fluids.
- * Can pass and shred through bit mud nozzle jets, if required. Allows wiping of drill pipe with drill bit on bottom.
- * Several ball sizes available from 3 to 14 in. in a variety of selected wiping range intervals.



MERIT WIPER FOAM BALLS

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