



FOAM WIPER BALLS

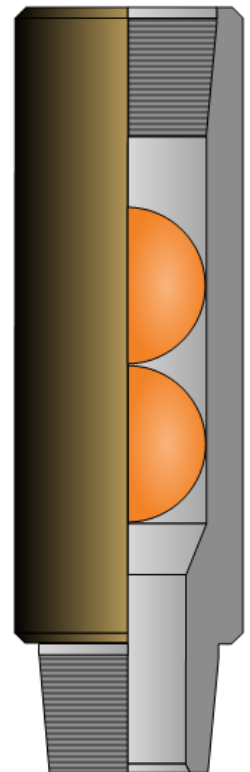
Foam wiper balls are designed to separate fluids and wipe drill pipe or tubing, cleaning cement, fluids, and debris from the inside of the pipe.

FEATURES

- Made of natural rubber and can be used in a temperature range of -40°F (-40°C) to 250°F (121°C).
- Have parting stretch of 380% to 440%, allowing the balls to pass through small restrictions without being damaged.
- May be used to wipe the drill pipe or work string to help ensure that scale does not remain on the ID.
- May be pumped behind cement to help ensure fluid separation and to wipe sheath deposition from the work string ID.
- Balls easily pass through restrictions such as mechanical setting tools, diverters, and liner running tools. Multiple balls can be pumped if necessary.

VALUE

Thousands of foam wiper balls have been used successfully to clean tubulars and drill pipe and isolate fluids during cementing operations.



Blackhawk Dart/Ball Drop Sub



SPECIFICATIONS

Material	Polyisoprene (Rubber) Natural
Longevity:	Extended-Life Rubber Formula
Parting Strength:	380% to 440%
Swelling:	5% in water
Deformation Pressure:	32 psi – 65 psi (22 N/cm2-45 N/cm2)
Temperature:	-40°F to 250°F (-40° C to 121° C)
Breaking Elongation:	440%
Abrasive Resistance:	Good
Elastic to:	-40°F (-40°C)
Material:	Natural Rubber Vulcanized at 311°F (155°C)
Flammability:	High flammability, burns with soot
Stability:	Not available with acids, alkalis, oils, fats and solvents

Size	Part No.	Recommended Wiping Range (ID in Inches)	Min. Restriction (Inches)
3.00	BST-0107164	1.00 to 2.50	0.500
4.00	BST-0107165	1.25 to 3.25	0.625
5.00	BST-0103204	1.75 to 4.00	0.750
6.00	BST-0103203	2.00 to 4.75	0.875
7.00	BST-0103205	2.25 to 5.50	1.000
8.00	BST-0103206	3.00 to 7.00	1.375