

## ROBINSON RUBBER SPONGE BALLS



Standard Ball



Ring Coated  
Carborundum



Totally Coated  
Carborundum

### Application

Rubber sponge balls are engineered for the best efficiency possible for different condenser tube cleaning systems or use with U-tube cleaning in heat exchanger systems. Rubber sponge balls have many additional applications than these two common uses.

### Types of Rubber Sponge Balls

**ROBINSON** offers a standard sponge ball, and two abrasive sponge balls; a ring coated carborundum ball, and a totally coated carborundum sponge ball.

- The standard sponge ball is for continual use in Condenser Tube Cleaning Systems where there is no specific problem.
- The abrasive sponge balls are not to be used continuously in the tubes. They are only for extremely fouled or difficult deposits in metal tubes. (If the standard sponge balls are continuously used, hard scale deposits will not occur on the tubes internal diameter.)

### Density

Sponge Balls come in four densities:

- Soft: 160 Kg/m<sup>3</sup> (only offered in specific sizes)
- Medium – soft: 200 Kg/m<sup>3</sup>
- Medium: 250 Kg/m<sup>3</sup>
- Firm: 300 Kg/m<sup>3</sup>

Abrasive Sponge Balls come in two coatings:

- Ring coated carborundum
- Totally (fully) coated carborundum

### Sizing

Sponge balls should be slightly oversized in order to apply enough pressure inside the tube to guarantee a proper cleaning. A sponge ball diameter of 1mm to 2mm larger than the I.D. (Inside Diameter) of the tube that is to be cleaned is recommended.

When using an abrasive sponge ball or when condensers are equipped with protective nozzles, a smaller diameter should be selected.

Getting the correct size sponge ball is imperative. As larger sponge balls can lead to blockage inside condensers, reducing heat exchanger efficiency and effect output.

### Diameters

Sponge ball diameters range from 5mm through 300mm.

\*color of rubber sponge ball is subject to change based on specifications

Questions? Need to place an order? Contact us:

Toll Free: 1-800-726-1026 Fax: 718-786-6090 [www.robinsontubetools.com](http://www.robinsontubetools.com) Email: [sales@johnrrobinsoninc.com](mailto:sales@johnrrobinsoninc.com)