

## VWR Irradiated Bouffant Caps

- Gamma Irradiated to a Sterility Assurance Level (SAL) of  $10^{-4}$
- Lowest Level of Particle Shedding: Level I Helmke Drum Classification
- First Line Barrier
- Non-Linting

VWR Irradiated Bouffant Caps are manufactured from strong, lightweight, and breathable spunbonded polypropylene (SPP) fabric, which protects against dirt, grime, and certain dry particulates in nonhazardous environments. These bouffant caps are gamma irradiated to address the concern of bio-burden contamination. Manufactured and packaged in an ISO Class 8 (FED-STD-209E Class 100,000/M3.5) cleanroom, bouffant caps are packed in sealed polyethylene bags, 10 per bag, contained within a larger carton liner. Each case is supplied with a certificate of irradiation.

Bouffant caps are rigorously tested and manufactured in an ISO Certified facility under stringent process controls to ensure that each product meets exacting quality standards and performs to specification. Our products are validated through independent lab testing.



### Bouffant Cap Dimensions

Size	S	L
Diameter, Relaxed (A)	8"	8½"
Diameter, Stretched (A)	21"	24"

### VWR Irradiated Bouffant Caps

Size	Cat. No.	Case of
<b>Latex-Free</b>		
Small	414004-504	1000
Large	414004-505	1000

To order, visit [vwr.com](http://vwr.com) or call your VWR Sales Representative today.

# Material Properties for VWR® Irradiated Bouffant Caps

	Test Item	Result	Test Standard	Test Description
PHYSICAL PROPERTIES	Particle Shedding (Helmke Drum)	Level I	IEST-RP-CC003.3	Garments are tumbled in a stainless steel drum for 10 minutes. Particles are then counted with a laser particle counter.
	Weight (g/m <sup>2</sup> )	16.82	ASTM D3776	Measurement of fabric mass per unit area (weight).
	Tensile Strength (Avg. lbs./in.)			
	Warp	6.6	ASTM D5034	Covers the grab and modified grab test procedures for determining the breaking strength and elongation of textile fabrics. Provisions are made for wet testing.
	Filling	5.9		
	Tearing Strength (Avg. lbs./in.)			
	Lengthwise Yarns	1.3	ASTM D2261	Measurement of the fabric's tearing strength by the tongue (single rip) procedure using a recording constant-rate-of-extension-type (CRE) tensile testing machine.
	Widthwise Yarns	1.6		

**All test results provided by independent third-party testing laboratories located in USA.**

WARNING: These garments and associated materials are not suitable for use in some environments containing chemicals and/or hazardous agents. It is the responsibility of the user to determine the level of risk in a particular environment and the proper personal protection equipment needed. Garments manufactured from synthetic non-woven material may generate static electricity. Garments that contain an anti-stat treatment are not intended to be used as a safety feature. These garments are not recommended to be used in a flammable and or explosive environment. Contact VWR International for garment/fabric safety data. The application of these products is out of VWR International's control. Therefore, VWR International, LLC makes no warranties, expressed or implied, and assumes no liability as to the performance of these products for a particular use. Caution: Avoid heat and/or open flame.



Prices, product appearance and specifications are current at the time of printing, subject to change without notice. Availability for certain products may be limited by federal, state, provincial or local licensing requirements. VWR makes no claims or warranties concerning sustainable/green products. Any claims concerning sustainable/green products are the sole claims of the manufacturer and not those of VWR International, LLC. All prices are in U.S. dollars unless otherwise noted. Offers valid in USA and Canada, void where prohibited by law or company policy, while supplies last. Visit [vwr.com](http://vwr.com) to view our privacy policy and additional disclaimers.

VWR, forms of VWR, and the VWR logo and/or design are either registered trademarks ®, trademarks ™, or service marks ™ of VWR International, LLC in the United States and/or other countries. All other marks referenced herein are registered trademarks, trademarks or service marks of their respective owner(s). For a complete list of trademark owners please visit [vwr.com](http://vwr.com).

©2010 VWR International, LLC. All rights reserved.