

# BCR® Gamma Irradiated Facemask

## w/Ear Loops

People are a significant source of contamination in any critical manufacturing process. Berkshire Gamma Irradiated masks are designed to protect your cleanroom or controlled environment from human contamination. Berkshire Gamma Irradiated masks provide superior filtration efficiency while

providing long wearing comfort for operators. Our range of masks ensures that you can find the right combination of performance and comfort. Berkshire also has the capability to design and produce custom configurations for any specialized application.

### Gamma Irradiated

- Gamma Irradiated with a minimum dose of 25 kGy
- 20 individual packaged masks are bagged together with an irradiation indicator to show evidence of irradiation
- Header style outer packaging with package integrity testing and lot number for traceability
- Certificates of Irradiation available on line **24/7** for each lot processed

### 3-Layers

- Innerfacing: Viscose/polyester
- Outerfacing: Viscose polyester
- Filter Media: Polyester provides superior particle and bacteria filtration along with excellent breathability

### Design and sizes

- Fully enclosed aluminum nose piece conforms easily to face to reduce “blow by”
- Ultrasonic bonding to reduce contamination and outgassing
- Available in 2 sizes to comfortably fit most users: 180mm x 90mm and 210mm x 90mm
- Choose from head ties for a fully adjustable fit or soft knitted polyester earloops for long wearing comfort

#### Technical Data

Particle Filtration Efficiency (%) 0.1µm	91.8	ASTM F2299
Bacterial Filtration Efficiency (%) 3.0µm	94.6	ASTM F2101-07
Differential Pressure (mm H <sub>2</sub> O/cm)	2.6	MIL-M-36954C

#### Test Method

Product Information  
**ISO Class 4 – 8**  
 Cleanroom Class 10 – 100,000  
 EU Grade A-D  
 USP <797>



#### Notes:

- All test results are post irradiation
- Technical data represented in this table are typical values at the time of publication. These should not be used as product specifications.
- Third party testing can be performed upon request

### Product Numbers

BM180GIE10

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20 pcs/pk, 10 pks/cs

