



F&J SPECIALTY PRODUCTS, INC.

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The Nucleus of Quality Air Monitoring Programs

QR100 Filter Paper Specifications

Applications / Characteristics:

Increased chemical resistance used to monitor airborne particulates. Does not adsorb acid gases.

Weight:	85 gm/m ²
Thickness:	0.38 mm
Pore Size:	1.5 microns
Water Flow Rate:	Not Applicable
Gas Collection Efficiency: (0.3 micron DOP)	99.99%
Pressure Drop:	45mm H ₂ O/5cm/sec.
Binder:	None
Maximum Temperature:	1000°C

General Properties:

- **Highly resistant** to chemical attack, biologically inert
- **High Purity:** Very low trace metal content, does not adsorb nitrous and sulfur dioxides; Grade QR-100 is pre-fired at 1000°C for 2 hours to reduce organic contamination
- **Easily sterilized:** Can be baked or autoclaved
- **Store indefinitely:** Unaffected by humidity

Applications:

- Sample acidic gases at high (>500°C) temperatures
- Air pollution analysis