



F&J Specialty Products, Inc.  
The Nucleus of Quality Air Monitoring Programs

## QUANTITATIVE CELLULOSE FILTER PAPER GRADE: WH41

Quantitative cellulose filter papers are primarily used in gravimetric analysis procedures and perform separations by entrapping particulate within the random matrix of cellulose fibers within the depth of the media. This media family is also widely used in methods to prepare samples for further testing using many types of instrumentation.

These ashless filter papers are manufactured from refined pulp and linters. They are acid washed and have an extremely low ash content of <0.01%.

### Description:

Specialty formulation, which demonstrates very fast flow rates and loose retention characteristics, which makes this grade ideal for initial separation of gelatinous precipitates and gravimetric analysis.

Retention:	12-26 $\mu\text{m}$ (aprox.)
Flow rate classification;	Fast
Flow rate;	28s Herzberg speed
Target thickness:	175-195 $\mu\text{m}$
Target basis weight:	75-85 $\text{g}/\text{m}^2$

### Typical Production Lot-Metals Analysis:

Cd:	<0.05 mg/kg
Cu:	0.09 mg/kg
Zn:	0.8 mg/kg
Bi:	0.25 mg/kg
Co:	<0.05 mg/kg
Mg:	0.77 mg/kg
Mn:	<0.05 mg/kg