



Breathe Easier on the Tough Jobs

Not All Filters are Created Equal

When 3M invented the disc filter category over 15 years ago, it launched a new era of worker protection. Today, the 2291, 2296 and 2297 particulate filters bring disc filtration to a new level of performance. These premium disc filters are engineered for easier breathing, making them ideal for tough work environments. Their netting construction technology also increases durability for a longer lasting filter. The result is a new standard in disc filter performance and breathability.

Benefits Include:

- Easier breathing over the life of the filter through 3-layer Advanced Electret Filter Media.
- Enhanced durability with abrasion-resistant netting construction.



Advanced Disc Filters— Easier breathing over the life of the filter



Workers can rely on these advanced disc filters for P100 protection, easier breathing, rugged durability and extended service life.

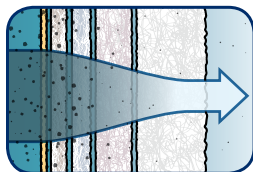
Applications

- Physically strenuous work areas and environments
- Anywhere workers prefer a product with easier breathing characteristics, toughness and longevity
- Mining, shipbuilding, abatement, utilities and more

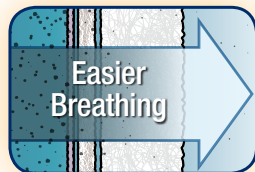


Fewer layers makes breathing easier

Advanced Electret Filter Media efficiently captures particles in three layers of filtration, compared to five layers in traditional filters. The result? Fewer layers makes breathing easier while offering the same level of protection.

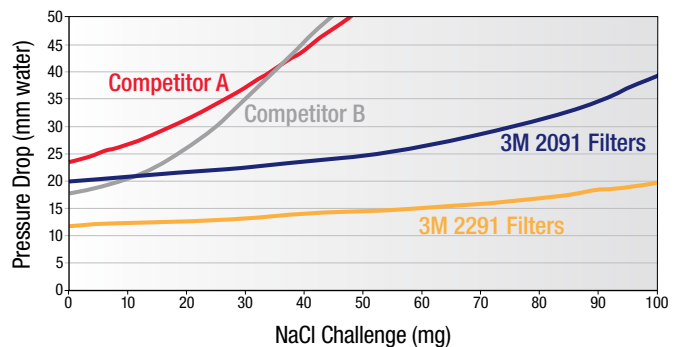


5-Layer Traditional Filter



3-Layer Advanced Filter

NaCl Loading Performance of Competitive P100 Disc Filters



Source: Representative loading performance from internal testing April 2009. Testing protocol, data generation, and conclusions were reviewed and approved by an expert from the University of Minnesota.

Part No.	Product Name	Description	Qty./Case
2291	3M™ Advanced Particulate Filter 2291, P100	NIOSH approved for environments containing certain oil and non-oil based particles.	100/Case
2296	3M™ Advanced Particulate Filter 2296*, P100 with Nuisance Level Acid Gas Relief	NIOSH approved for environments containing certain oil and non-oil based particles. 3M recommended for relief against nuisance level acid gases.	100/Case
2297	3M™ Advanced Particulate Filter 2297*, P100 with Nuisance Level Organic Vapor Relief	NIOSH approved for environments containing certain oil and non-oil based particles. 3M recommended for relief against nuisance level organic vapors.	100/Case

*3M recommended for relief against nuisance levels of organic vapor and acid gases. Nuisance level organic vapor and acid gas refers to concentrations less than the OSHA PEL or applicable government occupational exposure limits, whichever is lower. Not NIOSH-approved for organic vapors or acid gases. Do not use for respiratory protection against organic vapors or acid gases.

For more information in the United States, contact:

Technical Assistance: 1-800-243-4630

Web: 3M.com/PPESafety

Customer Service: 1-800-328-1667

To establish filter replacement frequency, visit 3M.com/filterchange.



Occupational Health & Environmental Safety

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WARNING

These filters help protect against certain airborne particles. **Misuse may result in sickness or death.** For proper use, see *User Instructions* in package, supervisor, or contact 3M OH&ESD Technical Service at 1-800-243-4630. In Canada, call 1-800-267-4414.