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.
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.

NaCl Loading Performance of Competitive P100 Disc Filters

![NaCl Loading Performance Chart]

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.

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

For more information:

In U.S.
Technical Assistance 1-800-243-4630
Customer Care Center 1-800-328-1667
3M.com/PPESafety

In Canada
Technical Assistance 1-800-267-4414
Customer Care 1-800-364-3577
3M.ca/PPESafety

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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 PSD Technical Service at 1-800-243-4630. In Canada, call 1-800-267-4414.