## Standards, Regulations and Recommendations

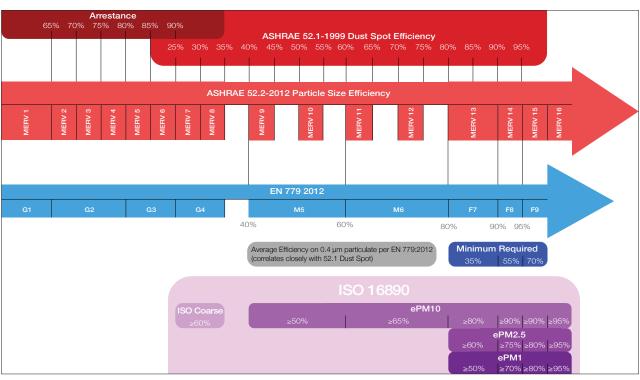
## EN 779:2012 Classification

Group	Filter Class	Final pressure drop (test) Pa	Average arrestance (Am) of synthetic dust %	Average efficiency (Em) for 0.4 µm particles %	Minimum efficiency²) for 0.4 μm particles %
Coarse	G1	250	50 ≤ Am ≤ 65	-	-
	G2	250	65 ≤ Am ≤ 80	-	-
	G3	250	80 ≤ Am ≤ 90	-	-
	G4	250	90 ≤ Am	-	-
Medium	M5	450	-	40 ≤ Em ≤ 60	-
	M6	450	-	60 ≤ Em ≤ 80	-
Fine	F7	450	-	80 ≤ Em ≤ 90	35
	F8	450	-	90 ≤ Em ≤ 95	55
	F9	450	-	95 ≤ Em	70

<sup>&</sup>lt;sup>1</sup>The characteristics of atmospheric dust vary widely in comparison with those of the synthetic loading dust used in the tests. Because of this, the test results do not provide a basis for predicting other operational performance or service life. Loss of media charge or shredding of particles or fibers can also adversely affect efficiency.

Minimum efficiency is the lowest of any of the following three values: initial efficiency, discharged efficiency, or efficiency throughout the test's loading procedure.

## **Test Standard Correlations**



The test standard correlations above are approximations based on results obtained on a sampling of products. Actual results on products may differ somewhat from these correlations, and a product tested to one standard that needs to meet the requirements of another standard should be tested in accordance with the specified standard.

