

**REVIEW OF NEW PUBLICATION: ASTM E2814-18 STANDARD SPECIFICATION
FOR INDUSTRIAL WOVEN WIRE FILTER CLOTH**

Ken Beyer, Unique Wire Weaving Co.

ASTM E2814-18 Standard Specification for Industrial Woven Wire Filter Cloth has been revised from a Guide to a Specification. Recently published document E2814-18 now better meets the needs of the filtration industry, with the inclusion of manufacturing tolerances.

E2814 covers the special grade of industrial woven wire cloth referred to as filter cloth, for general filtration including the separation of solids from fluids (liquids or gases). Filter cloth, sometimes referred to as Dutch weave, can be made of any primary metal or metal alloy wire that is suitable for weaving, is produced in many specifications, and is commonly rated by its pore size or particle size retention capability.

The Standard introduces terms and definitions, observes common technical considerations, and presents normal manufacturing tolerances as well as alternative acceptance criteria based on a desired pore size as determined by bubble point test methods, glass bead challenge testing, mathematical geometric modeling, and computer modeling methods.

Document E2814 is under the jurisdiction of ASTM International Committee E29 on Particle and Spray Characterization, and is the direct responsibility of Subcommittee E29.01 on Sieves, Sieving Methods, and Screening Media. Ken Beyer is the Technical Contact for E2814.