ASTM Volume 11.03, October 2025

F1358/F1358M-20 Standard Test Method for Effects of Flame Impingement on Materials Used in Protective Clothing Not Designated Primarily for Flame Resistance

F1052-20 Standard Test Method for Pressure Testing Vapor Protective Suits

F1186-18 Standard Classification System for Chemicals According to Functional Groups

F739-20 Standard Test Method for Permeation of Liquids and Gases Through Protective Clothing Materials Under Conditions of Continuous Contact

F3426-20 Standard Test Method for Measuring the Thermal Insulation of Clothing Items Using Heated Manikin Body Forms

E1687-19 Standard Test Method for Determining Carcinogenic Potential of Virgin Base Oils in Metalworking Fluids

E3279-21 Standard Guide for Managing Heat Stress and Heat Strain in Foundries

E3265-21 Standard Guide for Evaluating Water-Miscible Metalworking Fluid Foaming Tendency

F2733-21 Standard Specification for Flame-Resistant Rainwear for Protection Against Flame Hazards

E2565-21 Standard Guide for Consensus-Based Process for an Occupational Safety and Health Standard That Includes an Occupational Exposure Guideline

E1542-21 Standard Terminology Relating to Occupational Health and Safety

F1731-21 Standard Practice for Body Measurements and Sizing of Fire and Rescue Services Uniforms and Other Thermal Hazard Protective Clothing

F1407-12(2017) Standard Test Method for Resistance of Chemical Protective Clothing Materials to Liquid Permeation—Permeation Cup Method

F2894-21 Standard Test Method for Evaluation of Materials, Protective Clothing, and Equipment for Heat Resistance Using a Hot Air Circulating Oven

F2704-17a Standard Specification for Air-Fed Protective Ensembles

F1461-17 Standard Practice for Chemical Protective Clothing Program

F2061-17 Standard Practice for Chemical Protective Clothing: Wearing, Care, and Maintenance Instructions

F1060-18 Standard Test Method for Evaluation of Conductive and Compressive Heat Resistance (CCHR)

F1194-18 Standard Guide for Documenting the Results of Chemical Permeation Testing of Materials Used in Protective Clothing

E2706-18 Standard Practice for Equipment Technology and Operations for Mobile and Plant-Based Secure Destruction Safety Requirements

E1575-18 Standard Practice for Pressure Water Cleaning and Cutting

E2349-19 Standard Practice for Safety Requirements in Metal Casting Operations: Sand Preparation, Molding, and Core Making; Melting and Pouring; and Cleaning and Finishing

E2625-19 Standard Practice for Controlling Occupational Exposure to Respirable Crystalline Silica for Construction and Demolition Activities

E2693-19 Standard Practice for Prevention of Dermatitis in the Wet Metal Removal Fluid Environment

F2588-12(2020) Standard Test Method for Man-In-Simulant Test (MIST) for Protective Ensembles

F1897-20 Standard Specification for Leg Protection for Chain Saw Users

F3325-20 Standard Specification for Leg-Protective Devices for Chainsaw Users

F2757-20 Standard Guide for Home Laundering Care and Maintenance of Flame Resistant or Arc Rated Clothing

F1449-20 Standard Guide for Industrial Laundering Care and Maintenance of Flame Resistant or Arc Rated Clothing

F1939-15(2020) Standard Test Method for Radiant Heat Resistance of Flame Resistant Clothing Materials with Continuous Heating

F2700-08(2020) Standard Test Method for Unsteady-State Heat Transfer Evaluation of Flame-Resistant Materials for Clothing with Continuous Heating

F1383-20 Standard Test Method for Permeation of Liquids and Gases Through Protective Clothing Materials Under Conditions of Intermittent Contact

F1790/F1790M-15(2021) Standard Test Method for Measuring Cut Resistance of Materials Used in Protective Clothing with CPP Test Equipment

E2148-21 Standard Guide for Using Documents Related to Metalworking or Metal Removal Fluid Health and Safety

F955-15(2021) Standard Test Method for Evaluating Heat Transfer Through Materials for Protective Clothing Upon Contact with Molten Substances

F1002-15(2021) Standard Performance Specification for Protective Clothing and Materials for Use by Workers Exposed to Specific Molten Substances and Related Thermal Hazards

F2703-21 Standard Test Method for Unsteady-State Heat Transfer Evaluation of Flame-Resistant Materials for Clothing with Burn Injury Prediction

E1132-21 Standard Practice for Health Requirements Relating to Occupational Exposure to Respirable Crystalline Silica

E2694-21 Standard Test Method for Measurement of Adenosine Triphosphate in Water-Miscible Metalworking Fluids

F3407-21 Standard Test Method for Respirator Fit Capability for Negative-Pressure Half-Facepiece Particulate Respirators

F3537-21 Standard Guide for Respirator Fit Testing Methods

E2144-21 Standard Practice for Personal Sampling and Analysis of Endotoxin in Metalworking Fluid Aerosols in Workplace Atmospheres

E2657-21 Standard Practice for Determination of Endotoxin Concentrations in Water-Miscible Metalworking Fluids

F1359/F1359M-22 Standard Test Method for Liquid Penetration Resistance of Protective Clothing or Protective Ensembles Under a Shower Spray While on a Manikin

F1671/F1671M-22 Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System

F1342/F1342M-05(2022) Standard Test Method for Protective Clothing Material Resistance to Puncture

F2300-10(2022) Standard Test Method for Measuring the Performance of Personal Cooling Systems Using Physiological Testing

F3031-17(2022) Standard Practice for Range of Motion Evaluation of First Responder's Protective Ensembles

F2668-16(2022) Standard Practice for Determining the Physiological Responses of the Wearer to Protective Clothing Ensembles

F2302-22 Standard Performance Specification for Labeling Protective Clothing Which Provides Resistance to Incidental Exposures to Heat or Open Flame

F3050-22a Standard Guide for Conformity Assessment of Personal Protective Clothing and Equipment

F3538-22 Standard Test Method for Measuring Heat Transmission Through Flame-Resistant Materials for Clothing in Flame Exposure Using a Cylindrical Specimen Holder

F1291-22 Standard Test Method for Measuring the Thermal Insulation of Clothing Using a Heated Manikin

F2370-22 Standard Test Method for Measuring the Evaporative Resistance of Clothing Using a Sweating Manikin

E2169-22 Standard Practice for Selecting Antimicrobial Pesticides for Use in Water-Miscible Metalworking Fluids

F1458-15(2022) Standard Test Method for Measurement of Cut Resistance to Chainsaw of Foot Protective Devices

F1818-15(2022) Standard Specification for Foot Protection for Chainsaw Users

F3094-14(2022) Standard Test Method for Determining Protection Provided By X-ray Shielding Garments Used in Medical X-ray Fluoroscopy from Sources of Scattered X-Rays

E3280-22 Standard Guide for the Safe Use of Table Saws

F3267-22 Standard Specification for Protective Clothing for Use Against Liquid Chemotherapy and Other Liquid Hazardous Drugs

F3620-22 Standard Practice for Respiratory Protection—Respirator Use— Physical Qualifications for Personnel

F1494-23 Standard Terminology Relating to Protective Clothing

F2100-23 Standard Specification for Performance of Materials Used in Medical Face Masks

F2101-23 Standard Test Method for Evaluating the Bacterial Filtration Efficiency (BFE) of Medical Face Mask Materials, Using a Biological Aerosol of Staphylococcus aureus

E1497-23 Standard Practice for Selection and Safe Use of Water-Miscible and Straight Oil Metal Removal Fluids

F2992-23 Standard Test Method for Measuring Cut Resistance of Materials Used in Protective Clothing with Tomodynamometer Test Equipment

E1302-23 Standard Guide for Acute Animal Toxicity Testing of Water-Miscible Metalworking Fluids

F2010/F2010M-18(2023) Standard Test Method for Evaluation of Glove Effects on Wearer Finger Dexterity Using a Modified Pegboard Test

F1296-08(2023) Standard Guide for Evaluating Chemical Protective Clothing

F2053-00(2023) Standard Guide for Documenting the Results of Airborne Particle Penetration Testing of Protective Clothing Materials

F2547-18(2023) Standard Test Method for Determining the Attenuation Properties in a Primary X-ray Beam of Materials Used to Protect Against Radiation Generated During the Use of X-ray Equipment

F2732-23 Standard Practice for Determining the Temperature Ratings for Cold Weather Protective Clothing

F1930-23 Standard Test Method for Evaluation of Flame-Resistant Clothing for Protection Against Fire Simulations Using an Instrumented Manikin

F1868-23 Standard Test Method for Thermal Resistance, Evaporative Resistance, and Total Heat Loss Measurements of Clothing Materials Using a Sweating Hot Plate

F2407/F2407M-23a Standard Specification for Surgical Gowns Intended for Use in Healthcare Facilities

F3352/F3352M-23b Standard Specification for Isolation Gowns Intended for Use in Healthcare Facilities

E2563-23 Standard Practice for Enumeration of Non-Tuberculosis Mycobacteria in Aqueous Metalworking Fluids by Plate Count Method

E2564-23 Standard Practice for Enumeration of Mycobacteria in Metalworking Fluids by Direct Microscopic Counting (DMC) Method

E2889-23 Standard Practice for Control of Respiratory Hazards in the Metal Removal Fluid Environment

F3387-23 Standard Practice for Respiratory Protection

E2523-23 Standard Terminology for Metalworking Fluids and Operations

F1414-19(2023) Standard Test Method for Measurement of Cut Resistance to Chainsaw in Lower Body (Legs) Protective Clothing

F3324-19(2023) Standard Test Method for Measurement of Cut Resistance to Chainsaw in Leg Protective Devices

F3672-23 Standard Test Method for Measuring the Evaporative Resistance of Clothing Items Using Heated Manikin Body Forms

F1154-24 Standard Practices for Evaluating the Comfort, Fit, Function, and Durability of Protective Ensembles, Ensemble Elements, and Other Components

F2371-16(2024) Standard Test Method for Measuring the Heat Removal Rate of Personal Cooling Systems Using a Sweating Heated Manikin

F1301-18(2024)e1 Standard Practice for Labeling Chemical Protective Clothing

F2299/F2299M-24 Standard Test Method for Determining the Initial Efficiency of Materials to Penetration by Particulates Using Latex Spheres

F1862/F1862M-24 Standard Test Method for Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity)

D7049-24 Standard Test Method for Metalworking Fluid Aerosol in Workplace Atmospheres

F3502-24 Standard Specification for Barrier Face Coverings

F3628-24 Standard Test Method for Measuring the Cooling Energy Provided by Wicking Liquid Moisture and Evaporating It from Clothing Materials Using a Sweating Hot Plate

F2731-24 Standard Test Method for Measuring the Transmitted and Stored Energy of Firefighter Protective Clothing Systems

F2961-24 Standard Test Method for Characterizing Gripping Performance of Gloves Using a Torque Meter

E2350-24 Standard Guide for Integration of Ergonomics/Human Factors into New Occupational Systems

E2920-24 Standard Guide for Recording Occupational Injuries and Illnesses

E2875/E2875M-24 Standard Guide for Personal Protective Equipment for the Handling of Flat Glass

F1670/F1670M-24a Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Synthetic Blood

F903-24 Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Liquids

F1819-24 Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Synthetic Blood Using a Mechanical Pressure Technique

F2878-19(2024) Standard Test Method for Protective Clothing Material Resistance to Hypodermic Needle Puncture

F1001-24 Standard Guide for Selection of Chemicals to Evaluate Protective Clothing Materials