Material specifications for metallic materials are listed by product form in Part MM.

ASTM A380, Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems

ASTM A967, Standard Specification for Chemical Passivation Treatments for Stainless Steel Parts

ASTM A1015, Standard Guide for Chemical Videoborescoping of Tubular Products for Sanitary Applications

ASTM B912, Standard Specification for Passivation of Stainless Steels Using Electropolishing

ASTM D395, Standard Test Methods for Rubber Property — Compression Set

ASTM D412, Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers — Tension

ASTM D471, Standard Test Method for Rubber Property — Effect of Liquids

ASTM D624, Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers

ASTM D2240, Standard Test Method for Rubber Property — Durometer Hardness

ASTM D2657, Standard Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings

ASTM E112, Test Methods for Determining Average Grain Size

ASTM E220, Standard Test Method for Calibration of Thermocouples by Comparison Techniques


ASTM E644, Standard Test Methods for Testing Industrial Resistance Thermometers


Publisher: American Society for Testing and Materials (ASTM International), 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959 (www.astm.org)

DVS 2202-1, Imperfections in Thermoplastic Welding Joints; Features, Descriptions, Evaluation

Publisher: DVS-Verlag GmbH (German Welding Society), Aachener Strasse 172, 40223 Dusseldorf, Germany (www.die-verbindungs-spezialisten.de)

EN 12266-1, Industrial valves — Testing of metallic valves

European Hygienic Engineering & Design Group (EHEDG), Document No. 18 — Passivation of Stainless Steel

Publisher: European Committee for Standardization (CEN), Avenue Marnix 17, B-1000, Brussels, Belgium (www.cen.eu)

ANSI/FCI Standard 70-2, Control Valve Seat Leakage

Publisher: Fluid Controls Institute (FCI), 1300 Summer Avenue, Cleveland, OH 44115-2851 (www.fluidcontrolsinstitute.org)

FDA, 21 CFR, Parts 210 and 211, Current Good Manufacturing Practices

Publisher: U.S. Food and Drug Administration (FDA), 10903 New Hampshire Avenue, Silver Spring, MD 20993 (www.fda.gov)

IEC 60751, Industrial Platinum Resistance Thermometers and Platinum Temperature Sensors

Publisher: International Electrotechnical Commission (IEC), 3, rue de Varembé, Case Postale 131, CH-1211 Genève 20, Switzerland/Suisse (www.iec.ch)

IEST-RP-CC001.6, Contamination Control Division

Recommended Practice 001.6, HEPA and ULPA Filters

Publisher: Institute of Environmental Sciences and Technology (IEST), 1827 Walden Office Square, Schaumberg, IL 60173 (www.iest.org)

ISO 34-1, Rubber, vulcanized or thermoplastic — Determination of tear strength — Part 1: Trouser, angle and crescent test pieces

ISO 34-2, Rubber, vulcanized or thermoplastic — Determination of tear strength — Part 2: Small (Delft) test pieces

ISO 37, Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties

ISO 48, Rubber, vulcanized or thermoplastic — Determination of hardness (hardness between 10 IRHD and 100 IRHD)

ISO 815-1, Rubber, vulcanized or thermoplastic — Determination of compression set — Part 1: At ambient or elevated temperatures

ISO 815-2, Rubber, vulcanized or thermoplastic — Determination of compression set — Part 2: At low temperatures

ISO 816, Superseded by ISO 34-2

ISO 1817, Rubber, vulcanized — Determination of the effect of liquids