



## Q-Sun Xenon Test Chamber Meets the Following Standards:

### General

IEC 68-2-9	Basic Environmental Testing Procedures-Part 2:Guidance for Solar Radiation Testing
ISO 4892-1	Plastics-Methods of exposure to laboratory light sources-Part 1: General Guidance
ASTM G151	General Guidelines for Exposure of Nonmetallic Materials
ASTM G155	Xenon-Arc Test Apparatus for Exposure of Nonmetallic Materials

### Automotive

SAE J2412	Accelerated Exposure of Automotive Interior Trim Components Using a Controlled Irradiance Xenon-Arc Apparatus
SAE J2527	Accelerated Exposure of Automotive Exterior Materials Using a Controlled Irradiance Xenon-Arc Apparatus

### Coatings

ISO 11341	Paints and varnishes - Artificial weathering and exposure to artificial radiation - Exposure to filtered xenon-arc radiation
ASTM D3451	Testing Coating Powders and Powder Coatings
ASTM D3794	Testing Coil Coatings
ASTM D6577	Standard Guide for Testing Industrial Protective Coatings
ASTM D6695	Xenon-Arc Exposures of Paints and Related Coatings
GB 1865	Paints and varnishes - Artificial weathering and exposure to artificial radiation- Filtered xenon arc radiation
JIS K 5600-7-7	Testing Methods for Paints - Part 7: Long-Period Performance of Film - Section 7: Accelerated Weathering (Exposure to Filtered Xenon Arc)
MPI: #113	Exterior, Waterborne, Pigmented Elastomeric Coating
MS 133: Part F14	Methods of Test for Paints & Varnishes: Part F14: Artificial Weathering & Exposure to Artificial Radiation – Exposure to Filtered Xenon Arc Radiation (ISO 11341)

### Pharmaceutical

ICH Guideline	Stability Testing: Photostability Testing of New Drug Substances and Products
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### Plastics

ISO 4892-2	Plastics-Methods of exposure to laboratory light sources-Part 2: Xenon-arc sources
JIS K 7350-2	Plastics-Methods of exposure to laboratory light sources-Part 2: Xenon-arc sources
DIN EN 513	Unplasticized polyvinylchloride (PVC-U) profiles for fabrication of windows & doors
ASTM D1248	Polyethylene Plastic Extrusion Materials for Wire and Cable
ASTM D2565	Xenon-Arc – Plastics for Outdoor Applications
ASTM D4101	Polypropylene Plastic Injection and Extrusion Materials
ASTM D4459	Xenon-Arc – Plastics for Indoor Applications
ASTM D5071	Xenon-Arc Exposure of Photodegradable Plastics
ASTM D6662	Plastic Lumber Decking Boards
UL 1581	Reference Standard for Electrical Wires, Cables & Flexible Cords

### Geotextiles

ASTM D4355	Deterioration of Geotextiles to UV Light
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**Textiles**

AATCC TM 16	Colorfastness to Light
AATCC TM 169	Weather Resistance of Textiles: Xenon Lamp Exposure
GB/T-8430	Textiles - Tests for colorfastness - Colorfastness to artificial weathering: Xenon arc fading lamp test
IS: 2454	Indian Standard- Method for Determination of Colour Fastness of Textile Materials to Artificial Light (Xenon Lamp)

**Printing Inks/Artists' Materials/Paper**

ISO 11798	Information and documentation – Permanence of writing, printing & copying on paper
ISO 12040	Graphic Technology - Prints and printing inks
ISO 18909	Imaging Materials – Processed photographic colour films and paper prints
ASTM D3424	Lightfastness of Printed Matter
ASTM D4303	Lightfastness of Artists' Pigments
ASTM D5010	Testing Printing Inks & Related Materials
ASTM D6901	Standard Specification for Artists' Colored Pencils
ASTM F2366	Lightfastness of Ink Jet Prints Exposed to Window Filtered Daylight

**Roofing**

ASTM D4434	Poly Vinyl Chloride Sheet Roofing
ASTM D4637	EPDM Sheet Used in Single-Ply Roof Membrane
ASTM D4798	Xenon-Arc – Bituminous Materials
ASTM D4811	Nonvulcanized Rubber Sheet Used as Roof Flashing
ASTM D5019	Reinforced Non-Vulcanized Polymeric Sheet
ASTM D6083	Liquid Applied Acrylic Coatings Used in Roofing

**Rubber**

ISO 3865	Rubber, Vulcanized or Thermoplastic – Methods of test for staining on contact with organic materials
ISO 4665	Rubber, Vulcanized or Thermoplastic – Resistance to weathering

**Adhesives**

ASTM D904	Exposure of Adhesive Specimens to Artificial Light
ASTM C1442	Conducting Tests on Sealants Using Artificial Weathering Apparatus
ASTM C1501	Standard Test Method for Color Stability of Building Construction Sealants

**Packaging**

ASTM D6551	Accelerated Weathering of Pressure-Sensitive Tapes by Xenon Arc
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**Sealants**

ASTM C1442	Conducting Tests on Sealants Using Artificial Weathering Apparatus
ASTM C1501	Color Stability of Sealants