



Reference Standards

The SP (Swedish National Testing and Research Institute) Method deals with plastic marking sleeves and information carriers for identification of electrical wires, cables, components and terminals.

The references below are different standards applicable as a whole or partly for different tests made on Partex own manufactured products, externally supplied products and raw materials.

Please note that only international standards have been referred to. There is in many cases e.g. a DIN standard (or any other European country standard) corresponding to a certain ISO or IEC standard. ASTM, UL and MIL standards refer to specific American standards. The SP standard refers to the independent Swedish National Testing and Research Institute.

ISO 527-2
Plastics – Determination of tensile properties – Part 2: Test conditions for moulding and extrusion plastics.

ISO 527-3
Plastics – Determination of tensile properties – Part 3: Test conditions for films and sheets.

ISO 4892-2
Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc sources.

ISO/R1183
Plastics – Methods for determining the density and relative density of non-cellular plastics.

ISO/R868
Plastics and ebonite – Determination of indentation hardness by means of a durometer (Shore hardness).

ISO/R458
Plastics – Determination of stiffness in torsion of flexible materials – Part 1: General method.

IEC 60204
Safety of machinery – Electrical equipment of machines – Part 1: General requirements.

IEC 60445
Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals and of terminations of certain designated conductors, including general rules for an alphanumeric system.

IEC 60243
Electrical strength of insulating materials.

IEC 60093
Methods of test for volume resistivity and surface resistivity of solid electrical insulation materials.

UL 94
Standard for test for Flammability of Plastics Materials for Parts in Devices and Appliances.

ASTM D1593-99
Standard specification for non rigid vinyl chloride plastic film and sheeting.

ASTM D2671-00
Standard test methods for heat shrinkable tubing for electrical use.

ASTM D882-01
Test methods for tensile properties of film plastic sheeting.

ASTM D570
Test method for water absorption of plastics.

MIL 81531
Adherence and legibility test.

SP METHOD 2172
Cables and marking sleeves for electrical equipment – Determination of the abrasion resistance of marking text.

Testing for Partex products shown on pages 1 to 41.