

ANSI/ESD S1.1-2013

ESD Association Standard

ANSI/ESD S1.1-2013
Revision of ANSI/ESD S1.1-2006

***For the Protection of Electrostatic
Discharge Susceptible Items***

Wrist Straps



***Electrostatic Discharge Association
7900 Turin Road, Bldg. 3
Rome, NY 13440***

***An American National Standard
Approved July 29, 2013***

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***ESD Association Standard
for the Protection of Electrostatic Discharge
Susceptible Items -
Wrist Straps***

Approved July 27, 2011
ESD Association



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FOREWORD

This standard¹ has been developed to establish test methods for evaluating the electrical and mechanical attributes of wrist straps used in an electrostatic discharge control program. Wrist straps are intended to connect the user to ESD ground reference, thus preventing electrostatic charge on a user's body from attaining a level that may damage ESD susceptible devices or assemblies.

Test methods and performance limits for evaluation, acceptance, and system test are provided. Application and construction guidance is included in the annexes. This document is reformatted from EOS/ESD S1-1987 using improved test methods.

This document was originally designated ESD S1.1-1998 and approved on October 4, 1998. ESD S1.1-1998 was reaffirmed, redesignated ANSI/ESD S1.1-2006, and was approved on February 26, 2006. ANSI/ESD S1.1-2013 is a revision of ANSI/ESD S1.1-2006 and was approved on July 27, 2011.

At the time ANSI/ESD S1.1-2013 was prepared, the 1.0 Wrist Strap Subcommittee had the following members:

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The following individuals contributed to the development of ESD S1.1-1998:

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¹ **ESD Association Standard (S):** A precise statement of a set of requirements to be satisfied by a material, product, system or process that also specifies the procedures for determining whether each of the requirements is satisfied.

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