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[Citations](#)

ISO 9553:1997 Solar energy - Methods of testing preformed rubber seals and sealing compounds used in collectors

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Abbreviation

ISO 9553:1997

Valid from

16/10/1997

Information provider

Standards New Zealand

Author

International Organization for Standardization

Information type

ISO Standard

Format

PDF

Cited By

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Description

This International Standard gives requirements for the classification and testing of rubbers used to seal solar energy collectors in order to aid selection for specific applications.r preformed rubber seals and sealing compounds used in collectors.

The design requirements in this International Standard pertain only to permissible deflection of the rubber during thermal expansion or retraction of the seal in use and to the tolerances on dimensions

of moulded and extruded seals.

This International Standard does not include requirements pertaining to geometrical design, fabrication or installation of the seals.

This International Standard is applicable in conjunction with long-term ageing and weathering tests. However, if long-term tests are performed, it is recommended that ISO 4892-2 be complied with for ageing tests and ISO 877 for accelerated weathering tests and material exposure tests, respectively.

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Back

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