INTERNATIONAL STANDARD 2959

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Textiles — Woven fabric descriptions

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FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 2959 was drawn up by Technical Committee ISO/TC 38, *Textiles*, and circulated to the Member Bodies in November 1972.

It has been approved by the Member Bodies of the following countries :

Australia	Hungary	Spain
Belgium	India	Sweden
Brazil	Iran	Switzerland
Canada	Israel	Thailand
Czechoslovakia	Japan	Turkey
Denmark	Poland	United Kingdom
Egypt, Arab Rep. of	Portugal	U.S.A.
Finland	Romania	U.S.S.R.
Germany	South Africa, Rep. of	

The Members Bodies of the following countries expressed disapproval of the document on technical grounds :

France
Italy

Printed in Switzerland

Textiles — Woven fabric descriptions

1 SCOPE AND FIELD OF APPLICATION

This International Standard gives a number of characteristic parameters for woven fabrics and their constituents at various stages of manufacture and processing for the purpose of fabric designation. It is not intended that the list of parameters should be exclusive and additional information can be given as required.

It is applicable to all woven fabrics except textile floor coverings.

2 REFERENCES

ISO 1139, *Textiles — Designation of yarns.*

ISO 1833, *Textiles — Binary fibre mixtures — Quantitative chemical analysis.*

ISO 2076, *Generic names for man-made fibres.*

3 FABRIC PARAMETERS

3.1 State of fabric

For example loomstate, bleached, dyed.

3.2 Composition

3.2.1 Generic names of man-made fibres shall be used as given in ISO 2076.

3.2.2 In the case of fabrics composed of only one kind of fibrous material, state the generic name of the fibre.

3.2.3 In the case of fabrics consisting of warp threads and weft threads composed of different kinds of fibrous material, state the generic names of both fibres separately.

3.2.4 In all cases, state the percentage by mass, together with the generic name of each component fibre type in the order of predominance. For the calculation and expression of results, see ISO 1833.

3.3 Designation of yarns

In accordance with ISO 1139.

3.4 Threads per unit length

State for both warp and weft.

3.5 Weave

An International Standard on weave descriptions is in preparation.

3.6 Warp and weft arrangement

If applicable.

3.7 Fabric width

State overall and/or useable width, as relevant.

3.8 Mass per unit area

3.9 Processing particulars

If applicable. For example bleached, dyed, printed, machanically shrunk, etc., as appropriate.

EXAMPLE

Fabric description for a type of polyester/cotton poplin is as follows :

a) State of fabric : dyed.

b) Composition : 67 % polyester, 33 % cotton.

c) Yarn designation : warp — 15 tex Z 950;
weft — 15 tex Z 950.

d) Threads per unit length : warp — 50 per cm;
weft — 26 per cm.

e) Weave : plain.

f) Width : 90 cm overall.

g) Mass : 115 g/m^2.

h) Processing particulars : piece dyed, khaki, mechanically shrunk, and heat set.