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# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION R 1766

CARPETS

DETERMINATION OF THICKNESS OF PILE ABOVE THE BACKING

1st EDITION  
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## BRIEF HISTORY

The ISO Recommendation R 1766, *Carpets – Determination of thickness of pile above the backing*, was drawn up by Technical Committee ISO/TC 38, *Textiles*, the Secretariat of which is held by the British Standards Institution (BSI).

Work on this question led to the adoption of Draft ISO Recommendation No. 1766, which was circulated to all the ISO Member Bodies for enquiry in February 1969. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	India	Romania
Austria	Israel	South Africa, Rep. of
Belgium	Italy	Spain
Brazil	Japan	Sweden
Canada	Netherlands	Switzerland
Denmark	New Zealand	Turkey
France	Norway	U.A.R.
Germany	Peru	United Kingdom
Greece	Poland	U.S.A.
Hungary	Portugal	U.S.S.R.

No Member Body opposed the approval of the Draft.

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided to accept it as an ISO RECOMMENDATION.

## CARPETS

## DETERMINATION OF THICKNESS OF PILE ABOVE THE BACKING

## 1. SCOPE

This ISO Recommendation describes a method for the determination of thickness of pile above the backing of a carpet and is applicable to all carpets with pile capable of being shorn from the backing.

## 2. DEFINITION

For the purpose of this ISO Recommendation, the following definition applies :

*Pile thickness.* The difference in the thickness of the carpet before and after the pile above the backing has been shorn away, measured under the standard pressure.

## 3. PRINCIPLE

Pile thickness is determined by measuring the thickness of specimens under the standard pressure of  $1.96 \times 10^{-3}$  N/mm<sup>2</sup> (0.2 gf/mm<sup>2</sup>) before and after the removal of the pile above the backing.

## 4. APPARATUS

- 4.1 *Carpet shearing machine.* Any machine capable of shearing the pile close to the backing may be used. The particulars of the shearing machine and details of its operation should be agreed between the parties interested in the test results.
- 4.2 *Carpet thickness tester,* capable of measuring thickness under a pressure of  $1.96 \times 10^{-3}$  N/mm<sup>2</sup> (0.2 gf/mm<sup>2</sup>).

## 5. ATMOSPHERE FOR CONDITIONING AND TESTING

The specimens should be conditioned and the test conducted in one of the standard atmospheres for conditioning and testing textiles\*.

\* See ISO Recommendation R 139, *Standard atmospheres for conditioning and testing textiles* (2nd edition, 1967).