

SYNOPSIS OF INDIAN STANDARDS

Number and Title of Indian Standard
IS 17375 : 2020 / ISO 18695 : 2007, Textiles — Determination of resistance to water penetration — Impact penetration test [Doc : TXD 05 (14582)]
a) Scope: This Indian Standard is applicable to any textile fabric, which may or may not have been given a water-resistant or water-repellent finish. It measures the resistance of fabrics to the penetration of water by low impact, and thus can be used to predict the probable rain penetration resistance of apparel fabrics. The test is best suited for fabrics of medium to loose construction where the Bundesmann rain-shower test (ISO 9865), or Rain Test (ISO 22958) is too severe. Fabrics that do not lie flat under tension are not applicable.
b) Salient features of content: A volume of water is allowed to spray from a height of (610 ± 10) mm against a taut surface of a test specimen backed by a weighed blotter. The blotter is then reweighed to determine water penetration and the specimen is classified accordingly.
c) Types/grades/classes, if covered in the standard: -
d) Disclaimer (to be automatically provided by the programme/software)- -

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