

SLIP-RESISTANCE AND ABRASION OF NEW & USED SHOE SOLES

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Abstract

The significance of slipping and falling has been well-established in the literature. The factors affecting the slip-resistance of footwear such as footwear and floor materials, floor surface conditions, and shoe sole tread design have been discussed in the literature [4, 5]. However, most of the investigations were conducted using new footwear and floor materials. The new and used footwear may have different slip-resistance and other features. The objective of this study was to compare the coefficient of friction (COF) and abrasion of new and used outsoles for two types of footwear.

Keyword : Slips and falls, slip resistance, used shoes, friction measurement