

Intertek Standard of High-Performance Mark for Footwear (International Market) - Durable

FINISHED PRODUCTS					
PRODUCT TYPE	TEST METHOD	OPEN-TOES SHOES	CLOSED-TOED SHOES: CASUAL AND FASHION FOOTWEAR	CLOSED-TOED SHOES: ATHLETIC FOOTWEAR	BOOTS
PHYSICAL PERFORMANCE (after ageing)					
Cracking *	Whole Shoe Flex test – Visual ISO 24266-A 30 degrees +/- 1 degrees 140 +/- 10 cycles per minute	# 400,000 cycles: No damage	# 400,000 cycles: No damage	# 400,000 cycles: No damage	# 400,000 cycles: No damage
Delamination *		# 400,000 cycles: No peeling or seam separation of the upper No delamination between any components	# 400,000 cycles: No peeling or seam separation of the upper No delamination between any components	# 400,000 cycles: No peeling or seam separation of the upper No delamination between any components	# 400,000 cycles: No peeling or seam separation of the upper No delamination between any components
Bonding Strength *	EN ISO 17708 [daN/cm] or [N/mm]	≥ 5 (no outsole or upper material delamination or breakage) ≥ 4.5 (if outsole or upper material delamination or breakage)	≥ 5.5 (no outsole or upper material delamination or breakage) ≥ 5 (if outsole or upper material delamination or breakage)	≥ 6 (no outsole or upper material delamination or breakage) ≥ 5.5 (if outsole or upper material delamination or breakage)	≥ 5
Outsole Flexing Resistance (Ross Flex)	ASTM D1052	120,000 cycles : ≤ 6mm cut growth	120,000 cycles : ≤ 6mm cut growth	120,000 cycles : ≤ 6mm cut growth	120,000 cycles : ≤ 6mm cut growth
All the above to be performed after accelerated ageing in accordance with ISO 20870 : <ul style="list-style-type: none"> - PU – humidity ageing (7 days, 70°C, 100% humidity) - Other materials – heat ageing (7 days, 70°C) 					
MATERIALS					
PRODUCT TYPE	TEST METHOD	OPEN-TOES SHOES	CLOSED-TOED SHOES: CASUAL AND FASHION FOOTWEAR	CLOSED-TOED SHOES: ATHLETIC FOOTWEAR	BOOTS
PHYSICAL PERFORMANCE (after ageing)					
Outsole Abrasion Resistance *	ISO 20871	If density ≥ 0.9 g/cm ³ , then ≤ 200 mm ³ If density < 0.9 g/cm ³ , then ≤ 150 mg	If density ≥ 0.9 g/cm ³ , then ≤ 250 mm ³ If density < 0.9 g/cm ³ , then ≤ 170 mg	If density ≥ 0.9 g/cm ³ , then ≤ 200 mm ³ If density < 0.9 g/cm ³ , then ≤ 150 mg	If density ≥ 0.9 g/cm ³ , then ≤ 200 mm ³ If density < 0.9 g/cm ³ , then ≤ 150 mg
Determination of Tear Strength for Upper Materials *	EN 13571, ISO 17696	≥ 80 N			≥ 80 N
Martindale Abrasion Resistance *	ISO 12947-2	Fabrics 3,000 cycles: Coating not abraded			
	ISO 17704		Lining & Insock 25,600 cycles dry:	Lining & Insock 51,200 cycles dry:	Lining & Insock 51,200 cycles dry:



			No damage, no change	No damage, no change	No damage, no change
Shoe lace to shoe lace abrasion	ISO 22774 method 1	No worse than slight damage at 4,000 cycles	No worse than slight damage at 4,000 cycles	No worse than slight damage at 4,000 cycles	No worse than slight damage at 4,000 cycles
Shoe lace to lace carrier abrasion	ISO 22774 method 3	No worse than slight damage at 4,000 cycles	No worse than slight damage at 4,000 cycles	No worse than slight damage at 4,000 cycles	No worse than slight damage at 4,000 cycles
Zipper reciprocation	EN 16732				1000 cycles
All the above to be performed after accelerated ageing in accordance with ISO 20870 : - PU – humidity ageing (7 days, 70°C, 100% humidity) - Other materials – heat ageing (7 days, 70°C)					

*** Test items according to Product Environmental Footprint (PEF), Duration of service "Aspirational" level requirements**

Upon client request, if no damage was found on prescribed number of cycles, continue the test until failure was found

Open-toed shoes include: Casual/fashion sandals, flip-flops, open-toed slippers & athletic sandals

Closed-toed shoes include: Casual/fashion shoes, slippers, protective shoes & athletic shoes

Boots include Casual/fashion boots, protective boots, polymer boots & athletic boots