

ELECTRIGUARD™ 20kV Dielectric Overboots

Technical Information Sheet



20kV dielectric overboots are intended to provide protection against step and touch potential and worn over standard leather work boots or steel toe work boots. They are recommended for use when working in high risk task environments with voltages ranging between 750V and 20,000V.

STANDARDS INFORMATION

AGENCY SPECIFICATION

- | | |
|------------|---|
| ASTM F1117 | Standard Specification for Dielectric Footwear |
| ASTM F1116 | Standard Test Method for Determining Dielectric Strength of Dielectric Footwear |

For more information
www.salisburybyhoneywell.com

**Honeywell
USA**
101 E Crossroads Pkwy Ste A
Bolingbrook, IL 60440
Phone: 877.406.4501
Fax: 866.824.4922
www.honeywell.com

MATERIALS INFORMATION

MATERIAL SPECIFICATION

<u>TEST LIST</u>	<u>METHOD</u>	<u>REQUIREMENT</u>
WHOLE BOOT		
DIELECTRIC PROOF 20KV	ASTM 1117 8.1	NO BREAK OCCURS WITHIN 3 MINUTES
UPPER VULCANIZED RUBBER		
ELONGATION	ASTM D412	≥400 %
TENSILE STRENGTH	ASTM D412	≥8.5 MPA
HARDNESS	ASTM D2240	40~55 SHORE A
OUTSOLE VULCANIZED RUBBER		
ELONGATION	ASTM D412	≥380%
TENSILE STRENGTH	ASTM D412	≥8.5 MPA
HARDNESS	ASTM D2240	50~60 SHORE A
ABRASION	ISO 20344:2011 8.3	≤300 mm ³

ORDERING INFORMATION

PRODUCT ORDERING INFORMATION

PART NUMBER	DIELECTRIC TEST VOLTAGE	SIZE	UPPER AND OUTSOLE MATERIAL	HEIGHT	COLOR	HARMONIZED CODE	COUNTRY OF ORIGIN
21406WT	20kV AC	7-17	Vulcanized Rubber	14"	RED/ BLACK	6401.92.9030	CHINA
21405WT	20kV AC	7-17	Vulcanized Rubber	17"	RED/ BLACK	6401.92.9030	CHINA

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PART NUMBER DESCRIPTIONS WITH WEIGHT

PRODUCT ORDERING INFORMATION

PART NUMBER	ITEM DESCRIPTION	NET WEIGHT KG (LBS)
21405WT 7	BOOTS WT R/B 17" DEEP HEEL SZ 7	3.1 KG (6.8) LBS
21405WT 8	BOOTS WT R/B 17" DEEP HEEL SZ 8	3.2 KG (7.0) LBS
21405WT 9	BOOTS WT R/B 17" DEEP HEEL SZ 9	3.2 KG (7.0) LBS
21405WT 10	BOOTS WT R/B 17" DEEP HEEL SZ 10	3.3 KG (7.3) LBS
21405WT 11	BOOTS WT R/B 17" DEEP HEEL SZ 11	3.3 KG (7.3) LBS
21405WT 12	BOOTS WT R/B 17" DEEP HEEL SZ 12	3.4 KG (7.5) LBS
21405WT 13	BOOTS WT R/B 17" DEEP HEEL SZ 13	3.4 KG (7.5) LBS
21405WT 14	BOOTS WT R/B 17" DEEP HEEL SZ 14	3.5 KG (7.7) LBS
21405WT 15	BOOTS WT R/B 17" DEEP HEEL SZ 15	3.5 KG (7.7) LBS
21405WT 16	BOOTS WT R/B 17" DEEP HEEL SZ 16	3.6 KG (8.0) LBS
21405WT 17	BOOTS WT R/B 17" DEEP HEEL SZ 17	3.6 KG (8.0) LBS
21406WT 7	BOOTS WT R/B 14" DEEP HEEL SZ 7	2.6 KG (5.7) LBS
21406WT 8	BOOTS WT R/B 14" DEEP HEEL SZ 8	2.6 KG (5.7) LBS
21406WT 9	BOOTS WT R/B 14" DEEP HEEL SZ 9	2.6 KG (5.7) LBS
21406WT 10	BOOTS WT R/B 14" DEEP HEEL SZ 10	2.7 KG (5.9) LBS
21406WT 11	BOOTS WT R/B 14" DEEP HEEL SZ 11	2.7 KG (5.9) LBS
21406WT 12	BOOTS WT R/B 14" DEEP HEEL SZ 12	2.8 KG (6.2) LBS
21406WT 13	BOOTS WT R/B 14" DEEP HEEL SZ 13	2.8 KG (6.2) LBS
21406WT 14	BOOTS WT R/B 14" DEEP HEEL SZ 14	2.8 KG (6.2) LBS
21406WT 15	BOOTS WT R/B 14" DEEP HEEL SZ 15	2.9 KG (6.4) LBS
21406WT 16	BOOTS WT R/B 14" DEEP HEEL SZ 16	3.0 KG (6.6) LBS
21406WT 17	BOOTS WT R/B 14" DEEP HEEL SZ 17	3.0 KG (6.6) LBS

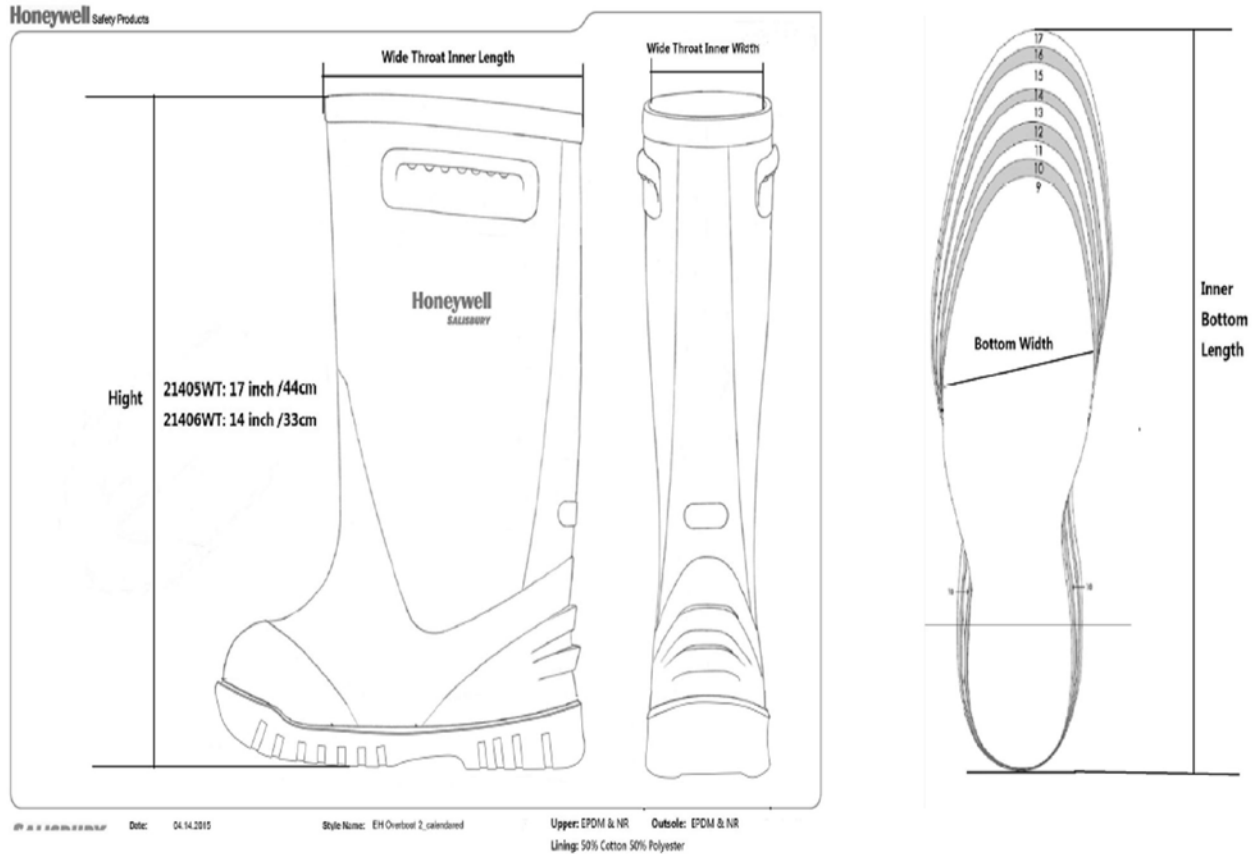
**BOOTS ARE AVAILABLE FOR ORDERING IN FULL SIZES ONLY*

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BOOT SIZING CHART

SIZE CHART



US Size	9		10		11		12		13		14		15		16		17	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
Inner Bottom Length	12.8	324.5	13.1	333	13.4	341.5	13.8	349.9	14.1	358.4	14.4	366.8	14.8	375.3	15.1	383.8	15.4	392.2
Bottom Width	3.4	86.5	3.5	88	3.5	89.4	3.6	91	3.6	92.5	3.7	94	3.8	95.4	3.8	96.9	3.9	98.4
Inner Throat Length	8.8	224	8.9	227	9.1	230	9.2	233	9.3	236	9.4	239	9.5	242	9.6	245	9.8	248
Inner Throat Width	4.1	105	4.2	107	4.3	109	4.4	111	4.4	113	4.5	115	4.6	117	4.7	119	4.8	121
Wide Throat Circumference	22.3	566	22.9	582	23.2	589	23.7	602	24.1	611	24.4	621	24.6	625	24.9	632	25.2	640

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