



# Test Report

No. SL917192840173FW

Date: Nov 09, 2018

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## Test results:

### Impact Resistance (ASTM F2412-11, Clause 5)

Size		Interior Height Clearance (mm)	<u>ASTM F2413-11 Requirement</u>	<u>Pass/Fail</u>
9	Left (Sample A)	17.8	Min. 12.7 mm	Pass
	Right (Sample A)	17.1		Pass
	Right (Sample B)	20.4		Pass

### Compression Resistance (ASTM F2412-11, Clause 6)

Size		Interior Height Clearance (mm)	<u>ASTM F2413-11 Requirement</u>	<u>Pass/Fail</u>
9	Left (Sample A)	19.1	Min. 12.7 mm	Pass
	Right (Sample A)	18.8		Pass
	Left (Sample B)	21.0		Pass

### Electric Hazard Resistance (ASTM F2412-11, Clause 9, 18kv for 1 minute)

Size		Leakage Current (mA)	<u>ASTM F2413-11 Requirement</u>	<u>Pass/Fail</u>
9	Left (Sample A)	0.29	≤ 1.0 mA	Pass
	Right (Sample A)	0.27		Pass
	Right (Sample B)	0.32		Pass

### Puncture Resistance (ASTM F2412-18a, 11.5)

Test condition:

Penetration force: 1200 N

Specimen	Assessment after applying 1200 N	<u>ASTM F2413-18 Requirement</u>	<u>Pass/Fail</u>
1	No Visually Penetration.	*	Pass
2	No Visually Penetration.		Pass
3	No Visually Penetration.		Pass

Remark: \* = When viewed at 90° angle, the tip of the test pin does not visually penetrate beyond the face of the material nearest the foot, after an applied force of 1200 N.

NOTE: The samples are conditioned in (20±2)°C and (50±5)% R.H. for 24 hours before testing and tested in the same atmosphere.



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