



TESTING TECHNOLOGY FOR SPORT

Laboratory Report

Infill Heat Test

Report Number: 96701/8651-8652

Report Status: Final

Client: Guardian Sports

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Peachtree Corners, GA 30071



TESTING TECHNOLOGY FOR SPORT

UNITED STATES

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REGIONAL LOCATIONS

-Seattle, Washington

-Columbia, Missouri

-Dallas, Texas



-Los Angeles, California

-Montreal, Quebec

Foreword

This report has been prepared by Sports Labs with all reasonable skill, care, and diligence within the terms of the contract with the Client and within the limitations of the resources devoted to it.

This report is confidential to the Client, and Sports Labs accepts no responsibility whatsoever to third parties to whom this report, or any part thereof, is made known. Any such party relies upon the report at their own risk.

Report Written By:	Gustavo Munoz	Report Checked By:	Kieran O'Donnell
Date:	03/18/2025	Date:	03/18/2025
Signed:		Signed:	

Test Laboratory

Test Laboratory Name:	Sports Labs
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Test Method:

- FIFA 14: Procedure for the determination of heat on artificial turf products

3D3 2.25" 52 oz 18"x18" Dry Sample was Tested:

- 6.0 lbs. Sand & 1.0 lb. TPE
- 2.3 lbs. Sand & 2.3 lbs. SBR
- 1.8 lbs. Sand, 1.8 lbs. SBR & 0.25 lb. TPE

Category	Temperature Range [°F]	System Category
1	<122	
1→2	122→130	
2	131→139	
2→3	140→149	
3	>149	

Heat Test			
Elapsed Time [min]	6 lbs. Sand/1 lbs. TPE [°F] (Un-Aged)	2.3 lbs. Sand/2.3 lbs. SBR [°F] (Un-Aged)	1.8 lbs. Sand/1.8 lbs. SBR/ 0.25 lb. TPE [°F] (Aged)
0	75	75	76
5	93	98	96
10	100	109	104
15	105	114	110
20	109	120	112
30	114	126	114
40	117	129	115
50	120	132	117
60	122	134	119
75	125	136	122
90	127	138	125
105	128	146	128
120	129	146	131
135	130	149	134
150	131	149	137
165	132	149	139
180	132	151	141
Category	2	3	2→3

End of Report