



TESTING TECHNOLOGY FOR SPORT

Laboratory Report

Infill Heat Test

Report Number: 96701/8651

Report Status: Final

Client: Guardian Sports

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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:	03/13/2025	Date:	03/13/2025
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" 52 oz 18"x18" Dry Sample was Tested:

- 6.0 lbs. Sand & 1.0 lb. TPE
- 4.0 lbs. Sand, 1.0 lb. Organic

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

Heat Test		
Un-aged system		
Elapsed Time [min]	6 lbs. Sand/ 1 lb. TPE [°F]	4 lbs. sand / 1 lb. Organic [°F]
0	75	75
5	93	94
10	100	101
15	105	106
20	109	109
30	114	113
40	117	115
50	120	117
60	122	119
75	125	121
90	127	123
105	128	124
120	129	125
135	130	126
150	131	127
165	132	128
180	132	129
Category	2	1→2

End of Report