

INTRODUCING TIGERCOOL®

THE NEWEST TECHNOLOGY BEHIND OUR TURF!



TM Synthetic Grass Warehouse is proud to introduce TigerCool® Heat Reflective (HR) technology, the latest in artificial turf cooling improvements.

Created by Tencate, a worldwide innovator of space-age yarns for NASA and Boeing, TigerCool® yarns are engineered with heat reflective color pigments and advanced U.V. inhibitors that reduce surface temperatures. A series of solar panel tests indicate that artificial grass featuring TigerCool® technology successfully reduces turf temperatures by 30% and up to 17 degrees! That's a difference that you can feel.

Don't let the heat interfere with your life. TigerCool® makes any outdoor event a cool and pleasant experience. It's perfect for any front yard, backyard, commercial property, public park, or municipality. Like all of our turf products, it's safe for children and is pet friendly!

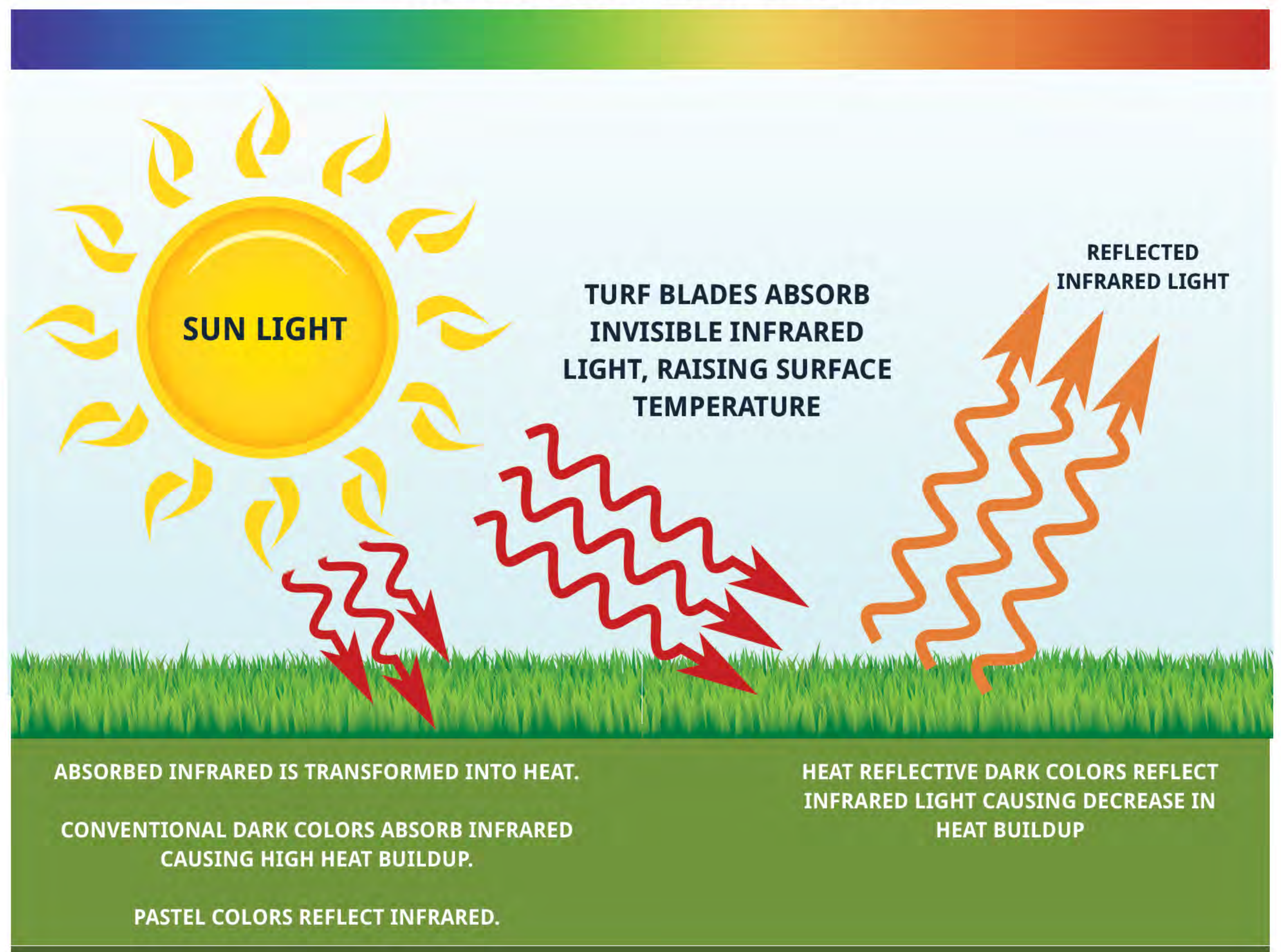
TigerCool® is now featured on the majority of our best-selling products. Our products are guaranteed to last while you cool your heels on our turf for years to come! Just look for the badge and experience the difference for yourself.

POWERED BY:
TENCATE
materials that make a difference

MADE IN AMERICA



VISIBLE LIGHT IS WHAT WE SEE AS COLOR



800.730.2675

SGW
synthetic grass warehouse

SGWCORP.COM

TIGERCOOL® HEAT REFLECTIVE (HR) TEST LAB RESULTS

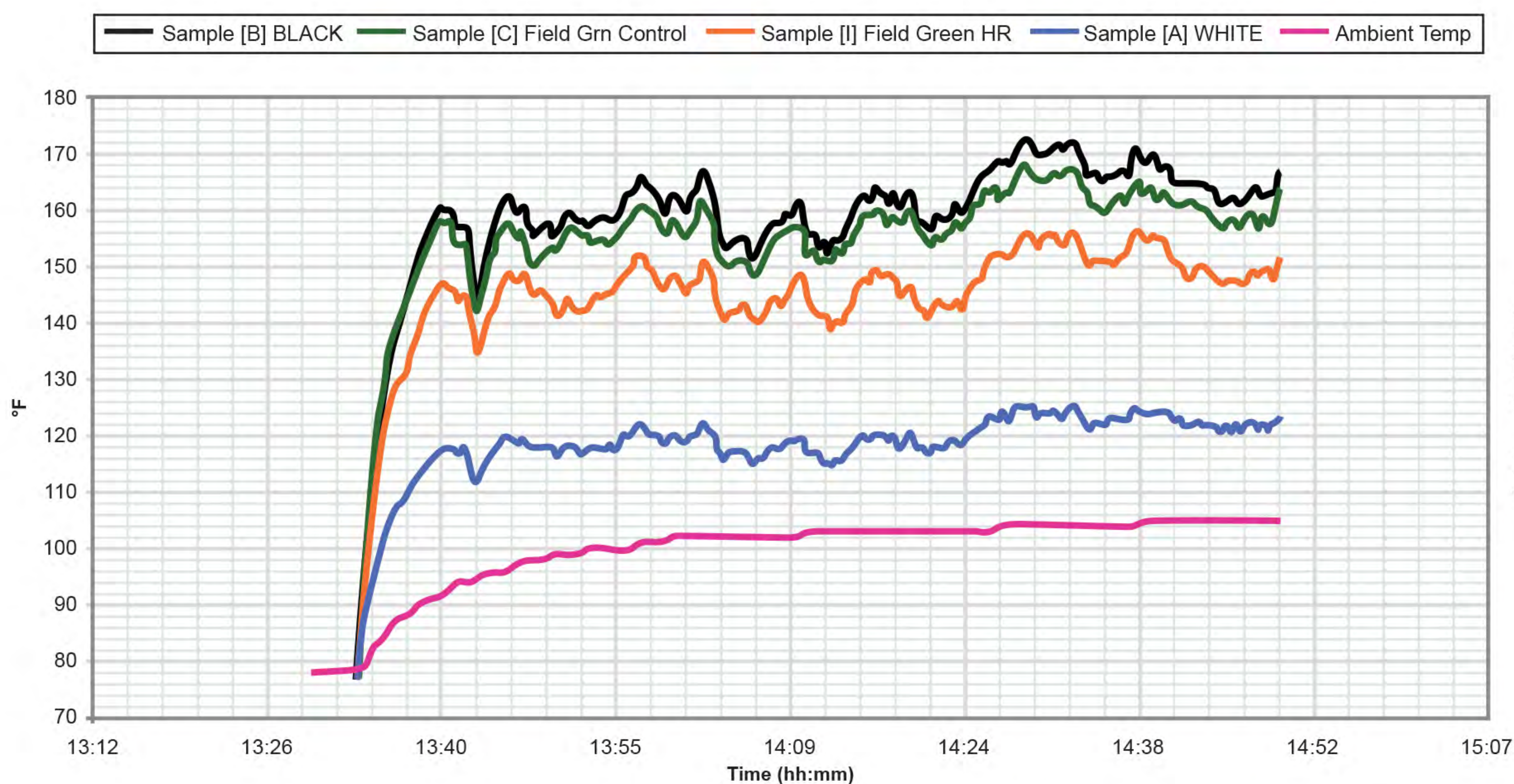
In order to achieve maximum temperature measurement accuracy and consistency, all comparative data were collected from 250 μm thick film samples instead of monofilament fibers or finished carpet.

The outdoor Solar spectrum is different from the spectrum of indoor IR lamps. Therefore, the temperature improvement due to Heat Reflective (HR) pigments over non-HR pigments, i.e. Samples over Controls, the indoor data is showing higher/better improvement than outdoor data. In addition, the outdoor data is influenced by wind, cloud cover and panel orientation with respect to the sun. Nevertheless, both indoor and outdoor data show the same trend:



Heat Resistance (HR) pigments have less temperature rise than non-HR pigments, 17.5 degrees F for indoor or 10.5 degrees F for outdoor exposure measurement. Re. Graph 1 and Graph 2

6-19-09 Outside Exposure.
Field Green HR vs Field Green with Black & White as Reference



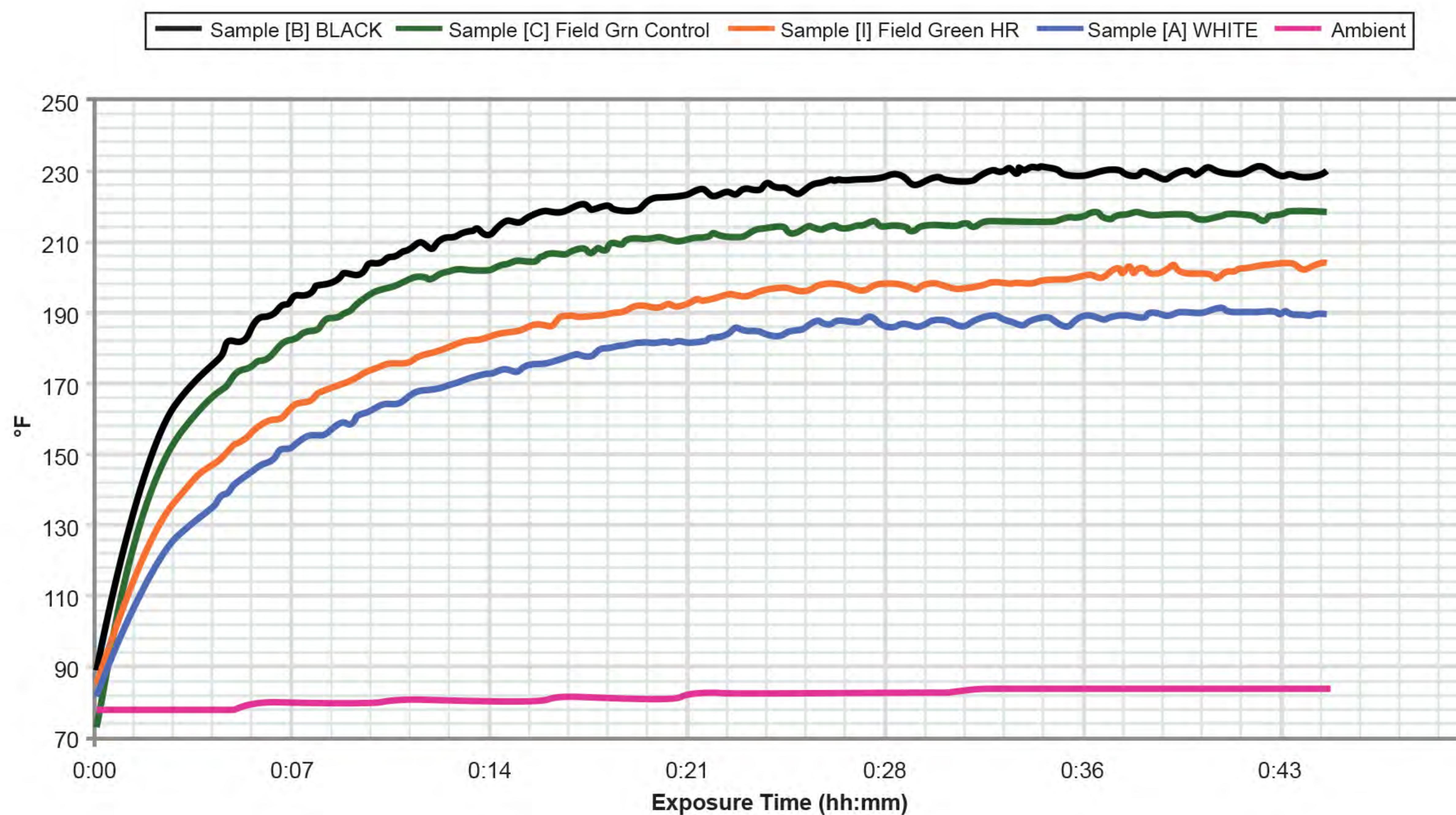
Average Improvement: 10.5° F
Minimum Improvement: 5.0° F
Maximum Improvement: 14.0° F
Sigma: 1.8° F

File: 6-19-09 Sample A, B, C, I, J, P v3.xls; 6-19-09 Field Green HR vs FG

Graph 1: Temperature build-up vs. exposure time in Field Green Color Standard vs Field Green HR Formula. HR formulation Improvement vs Control at exposure temperature greater than 140° F.

TIGERCOOL® HEAT REFLECTIVE (HR) TEST LAB RESULTS (CONTINUED)

6-30-09 Inside Exposure with 500w Lamp.
Field Green HR vs Field Green with Black & White as Reference



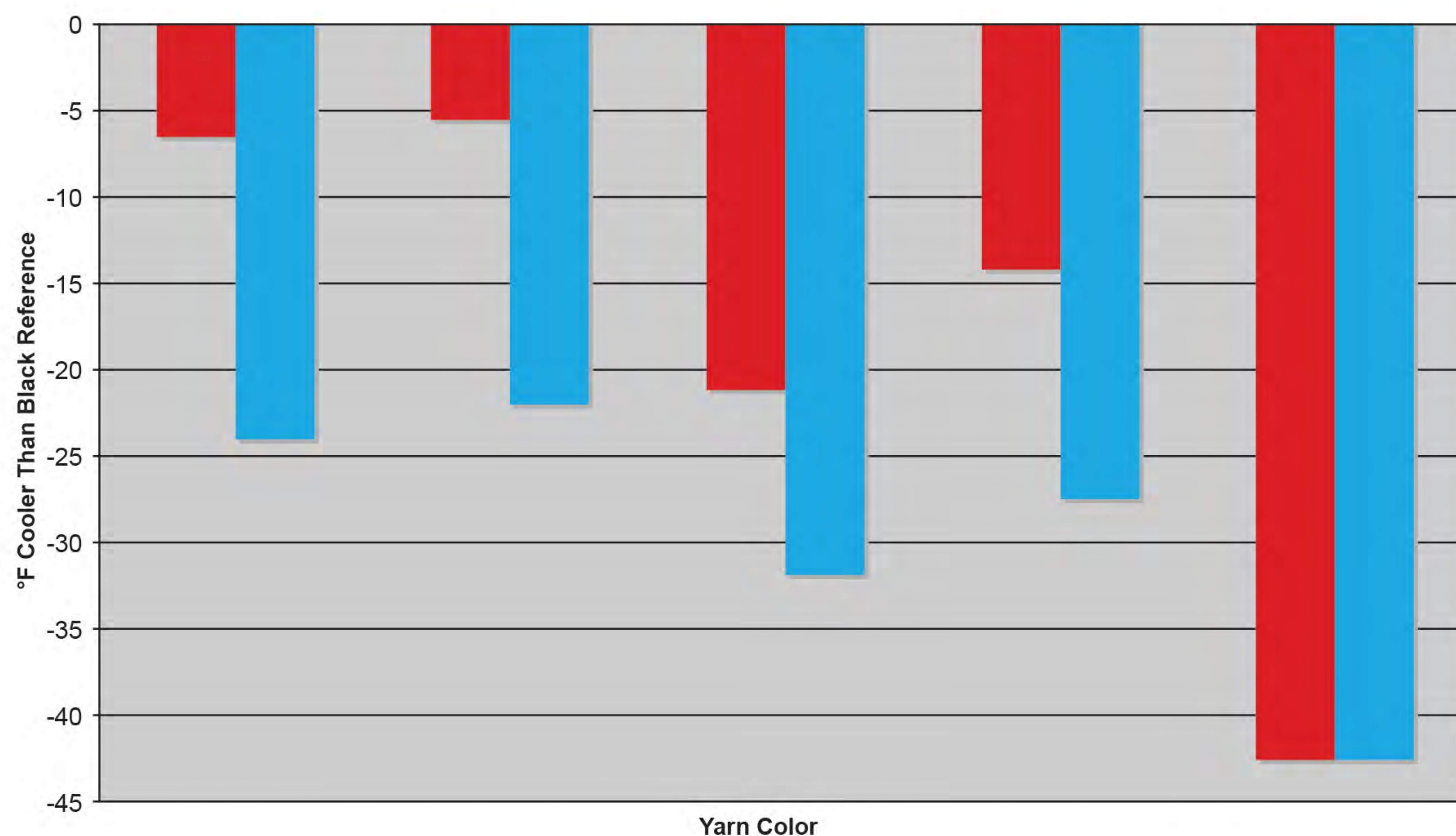
Average Improvement: 17.5° F
Minimum Improvement: 16.0° F
Maximum Improvement: 19.0° F
Sigma: 1.8° F

File: 3-30-09 Inside Sample A, B, C, I, Q, R, U v2.xls; 6-30-09 Field Green HR vs FG

Graph 2: Temperature build-up vs. exposure time in Field Green Color Standard vs Field Green HR Formula. HR formulation Improvement vs Control at exposure temperature greater than 140° F.

Advantage of Heat Reflective Colors

■ Standard Color Formula ■ Heat Reflective Color Formula



File: Summary of HR Improvement.xls; Summary of HR colors Chart 4