

## COOL By Design

The Synthetic Turf Cooling and Antimicrobial Solution that works on the principle of evaporative cooling.



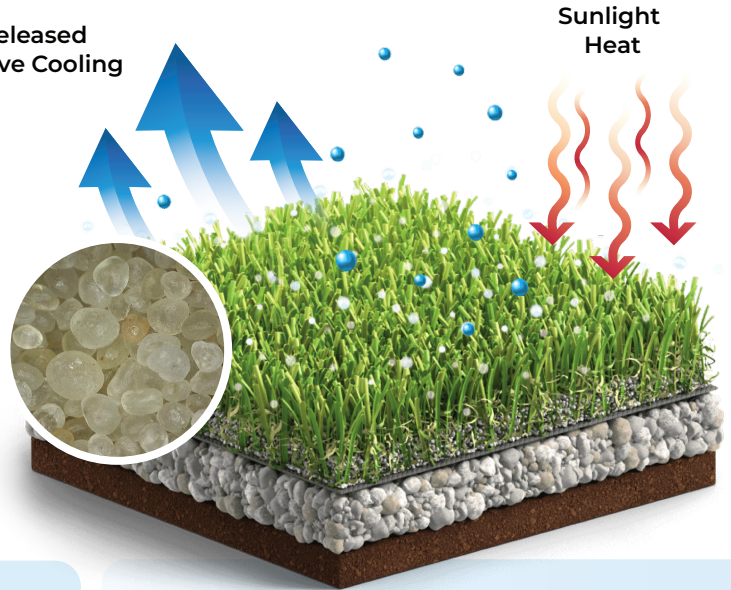
PET & FAMILY FRIENDLY



DOES NOT CONTRIBUTE TO MICROPLASTIC POLLUTION



INHIBITS BACTERIAL GROWTH



### Details

<b>Color</b>	Light Brown/Buff
<b>Materials</b>	T°Cool®, 99.5% Silicon Dioxide, Chitosan
<b>Mesh Size</b>	16 / 30
<b>Specific Gravity</b>	2.65 lb per cf
<b>Bulk Density g/cm<sup>3</sup></b>	1.56
<b>Bulk Density lb/ft<sup>3</sup></b>	97.4
<b>Porosity</b>	10-15%
<b>Hardness</b>	6-8 Mohs
<b>Absolute Volume gal/lb</b>	.0450 - .0454
<b>Krumbein Roundness</b>	0.8
<b>Krumbein Sphericity</b>	0.8
<b>Acid Solubility</b>	<2.0%
<b>Turbidity (FTU)</b>	<250
<b>Temp Stability (F)</b>	1400
<b>Angle of Repose</b>	+30 degrees
<b>Dust</b>	Negligible

### T°Cool® Technology

T°Cool is engineered to work through the same thermoregulation process our bodies use to keep cool, called **evaporative cooling**. This process has a cooling effect via the evaporation of moisture. T°Cool simply requires hydration, which can come from irrigation, rainfall, dew, or a simple garden hose. As solar radiation heats the turf, T°Cool releases its moisture. As the moisture evaporates, it removes the heat with it—cooling the artificial turf by up to 50°F.



Infused with Chitosan, an EPA registered, non toxic material that inhibits bacteria



#### CONTACT US

info@tcoolturf.com  
tcoolturf.com

