

Engineered Innovation for Longer Hose Life

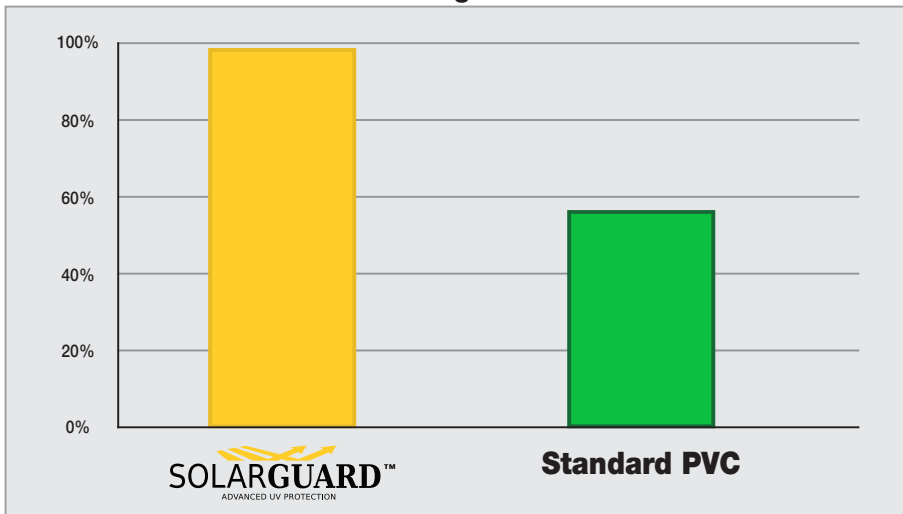
Hoses used outdoors for prolonged periods of time are subject to damage resulting from exposure to both heat and UV light. Tigerflex™ Solarguard™ hoses are specially constructed to resist this type of damage, resulting in a hose that retains its strength and flexibility longer than standard PVC hoses.



PVC Hose cracking due to UV exposure

Solarguard hoses contain a special blend of UV stabilizers that reflect the damaging UV photons away from the hose. Also, Solarguard hoses are made from a reflective yellow pigment that reduces heat absorption (Solarguard hoses can remain up to 10°F cooler than darker colored hoses), further protecting the hose and extending the service life. Our tests showed only a minimal 3% reduction in hose material strength after prolonged UV exposure, whereas standard PVC hoses showed over 40% strength loss over the same period.

Tensile Strength Retention[†]



Solarguard hoses maintain their strength and flexibility up to twice as long as standard PVC hoses, resulting in lower overall service cost.

Percentage of tensile strength remaining after 720 hours of accelerated UV light exposure per ASTM G154

[†] This information is based on independent third party test reports which are, to the best of our knowledge, complete and accurate. However, no warranty is expressed or implied, as specific application parameters such as temperature, stress and strain, and chemical exposure vary widely.