

Material Properties – Comparison

	Triton Reinforced Soy Resin	Stormtech Material Polypropylene	Hydrologic/Contech and Cultec Material HDPE Sheet/Thermo
<i>Tensile Strength-Ultimate</i>	21,750 psi	3480-4930 psi	3100-4660 psi
<i>Tensile Strength Yield</i>	23,055 psi	3800-5000 psi	1890-4350 psi
<i>Tensile modulus</i>	1750-2240 ksi	261-348 ksi	135-189 ksi
<i>Flex Modulus</i>	1600 ksi	210-305 ksi	69.6-230 ksi
<i>Flex Yield Strength</i>	26,00 psi	4500-7400 psi	3210-5500 psi
<i>Compressive Strength</i>	30,450 psi	3770-6820 psi	N/A
<i>Shear Strength</i>	11,500 psi	N/A	N/A

