


Material Properties – Comparison

		STORMTECH & CONTECH PP Copolymer	CULTEC HMWHDPE Sheet	HYDROLOGIC HMWHDPE Sheet
TENSILE STRENGTH ULTIMATE	21,755PSI	6,090-1,450PSI	3,100-4,660PSI	3,100-4,660PSI
TENSILE STRENGTH YIELD	17,404PSI	7,980-11,500PSI	1,890-4,350PSI	1,890-4,350PSI
TENSILE MODULUS	1,741,000-2,248,000 PSI	696-1,200PSI	135-189PSI	135-189PSI
FLEX MODULUS	1,600KSI	550-1,100KSI	69.6-230KSI	69.6-230KSI
FLEX YIELD STRENGTH	33,100PSI	6,960-21,000PSI	3,210-5,500PSI	3,210-5,500PSI
COMPRESSIVE STRENGTH	30,457,000PSI	7,980-12,000PSI	N/A	N/A
SHEAR STRENGTH	11,500PSI	N/A	N/A	N/A

