

HercuFlex® Standard Products

Property (Typical)	HercuFlex® HF 2000	HercuFlex® HF 4000	HercuFlex® HF 6000
TEX	730	1,336	1,825
Denier	6,570	12,024	16,425
Yield (Yards/lb)	674	374	272
Coating Loss on Ignition (%)	9%	9 %	9 %
Nom. Breaking Strength (lbs)	140	240	330
Min. Breaking Strength (lbs)	120	210	300
Modulus of Elasticity	11.7×10^6 psi	10.8×10^6 psi	12.4×10^6 psi
Elongation at Break (Min – Max)	3.0% (2.5 – 4.0%)	3.0% (2.5 – 4.0%)	3.0% (2.5 – 4.0%)
Stress per 0.5% Strain	23.0	41.8	57.6
Stress per 1% Strain	45.9	83.7	115.1
Thermal Cycling -40 +70°F	Insensitive	Insensitive	Insensitive
Chemical Attack (Acid & Alkali media)	Susceptible	Susceptible	Susceptible
Flammability	Self-Extinguish	Self-Extinguish	Self-Extinguish
Area Cross Section Load Bearing (Inches²)	0.39×10^{-3}	0.72×10^{-3}	0.98×10^{-3}
Strand Width	0.049 ± 0.010 Inches	0.068 ± 0.012 Inches	0.081 ± 0.015 Inches
Strand Thickness	0.024 ± 0.006 Inches	0.034 ± 0.009 Inches	0.039 ± 0.012 Inches

Revised 3/24/17