

SPECTRA LINE



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- Plasma, Spectra, Dyneema and Amsteel are HMPE, High-modulus polyethylene fibers produced by gel-spinning ultra-high molecular weight polyethylene (UHMWPE).
- These fibers are chemically inert, and independent studies have confirmed that Dyneema performs well in dry, wet, salty and humid conditions, as well as other situations where chemicals are present. Strong resistance to photo degradation when exposed to UV light.
- The high UV resistance of the fiber ensures continuing high performance.

ROPE CHARACTERISTICS:

- Floats
- Highest strength-to-weight ratio of any fiber - stronger than wire cable of the same size
- Elongation characteristics comparable to wire rope with a higher strength to weight ratio
- Highest abrasion resistance of any fiber
- Excellent dynamic toughness

ROPE CHARACTERISTICS:

- Very low elongation (3 - 5 percent)
- Excellent flex fatigue resistance
- Low resistance to heat
- Susceptible to creep
- Easily spliced

