

# Spectra® High-Tenacity Super-Line Material



## We invented super-line. Now we made it even better.

Made from the same material that stops bullets and protects our military, Spectra® HT is the strongest fishing line material on the market. Spectra HT is based on more than a decade of research and innovation in fiber technology. These developments make for a braided fishing line that provides unmatched strength, along with the durability and sensitivity anglers expect from Spectra-based line.



**STRONGER**



**THINNER**



**DURABLE**



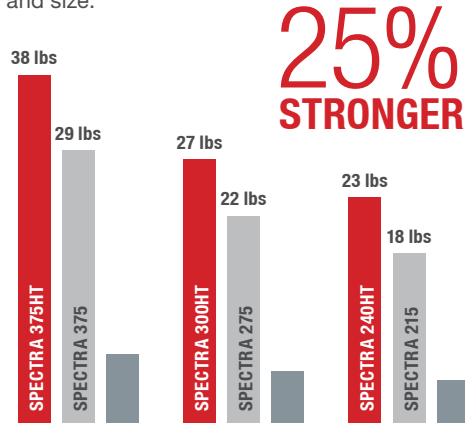
**SENSITIVE**

**Spectra**  
by Honeywell

## STRONGER

Spectra® HT fiber is 25% stronger than other UHMWPE materials of the same diameter.

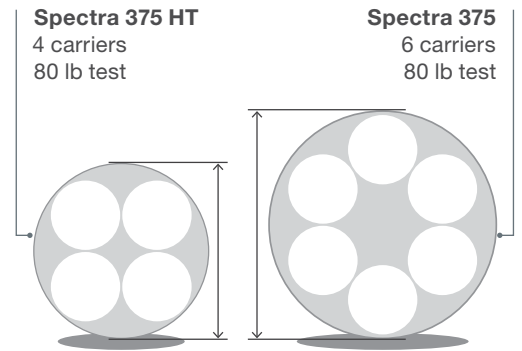
This allows you to re-imagine traditional braid constructions for all-new levels of strength and size.



■ SPECTRA HT IS MORE THAN 80% STRONGER THAN NYLON/FLUOROCARBON

## THINNER

Transform your super-line offerings with this premium material. The additional strength of Spectra HT allows you to produce braids that are up to 30% smaller than those made with UHMWPE materials of comparable strength. Spectra HT enables additional reel capacity, improved casting and lower visibility under water. All this gives you the opportunity to imagine entirely new products.



**30% LESS DIAMETER AT COMPARABLE TEST WEIGHT**



Additional Reel Capacity



Improved Casting



Lower Visibility

## DURABLE

Compared to other UHMWPE products, Spectra lines offer less internal friction for increased line life and decreased fray. Its resistance to corrosion, UV light damage and many abrasive chemicals make it the ideal super-line material. With this extreme durability and advanced high-strength fiber technology, you'll have the ability to produce the strongest braids in the world.

SPECTRA



COMPETITIVE HMPE



\*Using 500g load in Hex Bar abrasion test, 30 lb. Spectra braid breaks after 2300 cycles, while 30 lb. competitive braid breaks after 1000 cycles.

**2X BETTER ABRASION PERFORMANCE**

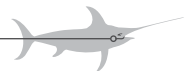
## SENSITIVE

Spectra features an inherent elongation of only 3%—allowing 8x the sensitivity of nylon. This minimal stretch allows anglers to feel lighter strikes, set hooks more quickly and ultimately land more fish.



**8X THE SENSITIVITY OF NYLON**

NYLON/FLUOROCARBON



### Spectra® HT Physical Properties

Product/Denier	Decitex	Tenacity (g/den)	Breaking Strength	Modulus (g/den)	Elongation (%)	Density (g/cc)	Filament/tow	Filament (DPF)
240 HT	267	41	22	1350-1650	3.1-3.5	.97	60	4
300 HT	333	39.5	26	1200-1500	2.9-3.7	.97	60	5
375 HT	417	45	38	1300-1700	2.9-3.6	.97	120	3.1

## Honeywell Advanced Fibers and Composites

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