

Multiplex™

Get maximum strength plus a soft hand with this one-of-a-kind fiber.

INVISTA Multiplex™ fiber stands up to the toughest challenges.

For marine, military and forestry applications, only long-lasting INVISTA Multiplex™ fiber gives you a sure grip, minimal slippage, maximum strength and abrasion resistance. All this plus a soft hand. A unique combination of staple and filament yarn makes it possible—filament yarn for maximum strength and staple fiber for a softer hand (similar to the feel of spun yarn).

Ropes and cords made with Multiplex™ can be braided, twisted or plaited to meet whatever challenge they face. And, for even greater underwater performance, a special Performance Plus™ overlay finish increases the abrasion- and moisture-resistance of Multiplex™.

TYPE	Primary Applications	Available Deniers	Breaking Strength (lbf)	Tenacity (gpd)	Elongation (% at 1/2 Break Load)
77	Ropes, cordage, furniture, tying twine	3140	43	6.2	7.5
		5870	84	6.5	7.5
		6500	95	6.6	7.5
		9000	144	7.3	8.0
		18000	260	6.6	8.9
		36000	480	6.1	9.7
		40000	540	6.1	7.6
96	Ropes, cordage, mechanical rubber goods	7500	100	6.1	9.7
		11000	153	6.3	10.9
77L	Ropes, cordage	18000	225	5.7	16
		40000	460	5.2	9.5

Note: Please refer to specifications for actual properties for each item; specifications available upon request.

To find out more about one-of-a-kind INVISTA Multiplex™ fiber, call 1-800-660-2210 or e-mail us at cordage-1@invista.com.

