

PRODUCT GUIDE: MULTIPLEX™

TOUGH STRENGTH – SOFT TOUCH





MULTIPLY: TOUGH STRENGTH – SOFT TOUCH

With industrial fibers, a sure and soft grip is not always needed. But when you want a product that provides strength and minimal slippage that is also easy on the hands, look to Multiplex. A unique combination of staple fiber and filament yarn makes for a product that is both strong and soft – even in the most demanding applications.

Applications include:

thick-wall industrial
rubber hoses; other
mechanical rubber
goods; mooring lines;
furniture; safety,
security, repelling
and climbing ropes.

FEATURES AND BENEFITS:

- Good breaking strength and tenacity make for a product that you can trust will hold when called upon
- A sure grip provides minimal slippage in some extreme circumstances and a softer feel makes an for easier grip with good abrasion and heat resistance
- Ropes and cords made with Multiplex fiber can be braided, twisted or plaited to meet many unique application challenges
- Our proprietary overlay finish increases abrasion and moisture resistance
- Good transverse-adhesion properties makes Multiplex a strong high-bulk solution

(architectural design)

(commercial&industrial)

(energy)

(environment)

(lifestyle&leisure)

(safety&security)

(transportation)

PRODUCT GUIDE

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 Mexico: +52 442 211 3046

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Multiplex								
Product	Primary Applications	Denier	Dtex	Breaking Strength		Tenacity		Elongation @ ½ break load (%)
				(lbs)	(N)	(g/d)	(cN/dtex)	
77	Ropes, cordage, furniture tying twine	3140	3454	43	191	6.2	5.5	7.5
		5870	6457	84	374	6.5	5.7	7.5
		6500	7150	95	423	6.6	5.9	7.5
		9000	9900	144	641	7.3	6.4	8.0
		18000	19800	260	1156	6.6	5.8	8.9
		36000	39600	480	2135	6.0	5.3	9.7
		40000	44000	540	2402	6.1	5.4	7.6
		45000	49500	620	2758	6.2	5.5	9.1
96	Ropes, cordage, mechanical rubber	7500	8250	100	445	6.0	5.3	9.7
		11000	12100	153	681	6.2	5.5	10.9
77L	Ropes and Cordage	18000	19800	225	1001	5.7	5.0	16.0
		40000	44000	460	2046	5.2	4.6	9.5

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OUR EXTENDED FAMILY OF PRODUCTS



automotive safety
coated fibers & fabrics
engineered reinforcements
geotextile & geogrid
narrow fabrics
offshore mooring
rope & cordage
sewing thread
single end cord
tire reinforcements
treated fabrics

specialty yarns:
multiplex
nylon 6
PBT
PEEK

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