

# TECHNICAL DATA SHEET

## Ultra-Tech<sup>†</sup> - Technora<sup>®</sup> double braid

Ultra-Tech<sup>†</sup> consists of a braided Technora<sup>®</sup> High Modulus Polyamide (HMPA) core as the strength member with a 24-strand braided polyester cover. The cover serves to create a firm flexible rope and protects the core from external wear. Technora<sup>®</sup> is known for its high strength heat resistance and low stretch. Technora<sup>®</sup> also has better resistance to flex-fatigue than other high modulus aramid fibers.

### Features

- High heat resistance
- High strength
- Negligible creep
- Can be spliced
- Works well around sheaves and winches
- Conventional D/d ratio (8:1)

### Applications

- Rigging
- Wire replacement ropes
- Winch lines



## SPECIFICATIONS

- Standard colour: Burgundy with black, blue, red or green tracers

Diameter (mm)	(in)	kg per 100m	lbs per 100ft	Average Strength		Minimum Strength	
				(kg)	(lbs)	(kg)	(lbs)
4,8	3/16	1,5	1,0	1 000	2 300	890	2 000
6,4	1/4	3,1	2,1	2 200	4 800	1 900	4 100
7,9	5/16	6,0	4,0	3 500	7 800	3 000	6 600
9,5	3/8	6,8	4,6	4 500	10 000	3 900	8 500
11,1	7/16	9,5	6,4	6 700	14 800	5 700	12 600
12,7	1/2	14,6	9,8	9 100	20 000	7 700	17 000
15,9	5/8	21,6	14,5	19 100	42 000	16 200	35 700
19,1	3/4	29,3	19,7	23 100	51 000	19 700	43 400
22,2	7/8	40,9	27,5	30 800	68 000	26 200	57 800

Elastic Elongation at % break strength		
10%	20%	30%
0,63% elongation	0,97% elongation	1,24% elongation

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