



Samson Tech-12 Rope 12 Strand Construction

Properties

Fibre Content: Technora® (Aramid)

Specific Gravity: 1.39 (Sinks)

Melting Point: 499 Deg C Critical Temperature: 271 Deg C

Elongation at break: 4.6 %

Water absorption: None

UV Resistance: Good

Good flex-fatigue resistance & negligible creep

Applications include: Stage Rigging, Events/SPFX Rigging & Sailboat Lines

Tech-12 is a strong heat resistant rope with very low creep. It is a 12 strand construction that is easy to splice, and it is flex-fatigue resistance which allows it work well around sheaves and winches. It has a Samthane coating which improves service life, enhances abrasion resistance, reduces snagging and cutting. Samson 12-Strand Class II splice.

Wesco Stock Code	Diameter		Circ. Inch	Weight Pounds		Breaking Strength			
	mm	Inch		Per Foot	Reel 600ft	Average kgs	Minimum kgs	Average lbs	Minimum lbs
48TEC-12S04BLK	3	1/8	3/8	0.006	3.60	1,300	1,100	2,800	2,500
48TEC-12S06BLK	5	3/16	9/16	0.013	7.80	2,500	2,300	5,600	5,000
48TEC-12S08BLK	6	1/4	3/4	0.019	11.40	3,700	3,300	8,200	7,300
48TEC-12S10BLK	8	5/16	1	0.032	19.20	5,900	5,300	13,000	11,700
48TEC-12S12BLK	9	3/8	1-1/8	0.043	25.80	8,200	7,300	18,000	16,200
48TEC-12S16BLK	12	1/2	1-1/2	0.080	48.00	15,000	13,500	33,000	29,700
48TEC-12S20BLK	16	5/8	2	0.135	81.00	19,500	17,600	43,000	38,700

Strengths shown are for spliced rope.

Colours available include; Black (Stocked), Red, Aqua & Green

Spliced assemblies can be manufactured to your requirements.

