



PowerStrand PowerMax Rope 12 Strand Construction

Properties

Fibre Content: Ultra high molecular weight polyethylene (UHMWPE) Dyneema

Specific Gravity: 0.97 (Floats)

Melting Point: 150 Deg C

Elongation at break: 4 to 5 %

Water absorption: None

UV Resistance: Good

Excellent abrasion resistance

Applications include: Mooring, Towing, Slings, Tug Rope & Winch Lines

PowerMax Rope construction and fibre content offers an extremely high breaking strength rope that exceeds most standard steel wire ropes of the same diameter, and its weight is 1/8 of wire rope. The construction is non rotational, and offers low elongation and superior abrasion resistance. The rope does not store energy like a conventional rope or wire rope, therefore the risk of recoil is largely eliminated. The rope is easy to splice, and its ease of handling offers greater productivity and safety.

Wesco Stock Code	Diameter		Circ.	Weight Pounds		Breaking Strength		
	mm	Inch	Inch	Per Foot	Reel 600ft	KG	kN	Pounds
48SPHS-12S04U	3	1/8	3/8	0.0040	2.40	1,019	10.0	2,248
48SPHS-12S06U	5	3/16	9/16	0.0108	6.50	2,854	28.0	6,294
48SPHS-12S08U	6	1/4	3/4	0.0155	9.30	3,670	36.0	8,100
48SPHS-12S10U	8	5/16	1	0.0262	15.72	5,668	55.6	12,500
48SPHS-12S12U	9	3/8	1 1/8	0.0396	23.76	8,114	79.6	17,900
48SPHS-12S16U	12	1/2	1 1/2	0.0638	38.28	14,465	141.9	31,900

Manufactured and tested according to ISO and BSEN standards.

The reduction ratio for spliced rope is 0.90 (10%).

