

# Marlow®

## Film & Theatre Rigging

Hi-tech Technora®, Vectran® and Dyneema® ropes for use with 2D and 3D camera rigs, Dolly Systems and Catenary Systems as well as standard polyester ropes for more traditional theatre rigging. All ropes are solid black but can also be supplied in custom colours to suit.



# Technical Series 2.5mm - 20mm

Technical ropes manufactured from Technora®, Vectran® & Dyneema® for use in camera rigging, stunt rigging and dolly & catenary systems.

**T12**

Construction	12 Strand Technora® with PU coating	Diameter (mm)	3	4	5	6	7	8	10
Colours	Black, Natural, Green	Min. Break Load (kN)	7.67	15.33	20.44	28.11	33.23	43.43	68.98
Lengths	200m, (longer lengths available to order)	Weight (g/m)	6.8	13.7	18.2	25.1	29.64	38.8	61.6
Benefits	High strength Technora®, Low stretch, ArmourCoat UV and abrasion coating, Heat resistant	Diameter (mm)	12	13					
		Min. Break Load (kN)	97.09	132.9					
		Weight (g/m)	86.6	118.56					

**V12**

Construction	12 Strand Vectran® with PU coating	Diameter (mm)	2.5	3	4	5	6	8	9
Colours	Black, Natural	Min. Break Load (kN)	5.65	8.95	15.13	21.69	30.22	51.88	78.31
Lengths	200m, (longer lengths available to order)	Weight (g/m)	5.9	8.6	17.8	21.2	27.8	33.8	52.8
Benefits	High strength Vectran®, Very low stretch, No creep, ArmourCoat UV and abrasion coating, Heat resistant	Diameter (mm)	10	12	14	16			
		Min. Break Load (kN)	99.06	107.82	132.63	166.2			
		Weight (g/m)	68.0	86.4	107.0	142.0			

**D12**

Construction	12 Strand Dyneema® with PU Coating	Diameter (mm)	2.5	3	4	5	6	8	9
Colours	Black, Green, Blue, White	Min. Break Load (kN)	4.81	8.38	14.91	18.68	26.28	48.36	60.36
Lengths	200m, (longer lengths available to order)	Weight (g/m)	4.1	6.0	12.4	14.7	19.3	24.0	37.6
Benefits	High strength Dyneema®, Low stretch, Excellent flex fatigue, Light weight, ArmourCoat UV and abrasion coating	Diameter (mm)	10	12	14	16			
		Min. Break Load (kN)	83.67	104.59	134.61	145.94			
		Weight (g/m)	48.3	58.2	76.0	98.0			

**D12 Max**

Construction	Super Pre-stretched 12 Strand Dyneema® with PU coating	Diameter (mm)	3	5	7	9	11	13
Colours	Black, Green, Blue, White	Min. Break Load (kN)	13.75	29.19	68.52	98.49	137.84	182.92
Lengths	200m, (longer lengths available to order)	Weight (g/m)	6.8	15.6	35.6	54.0	75.5	105.0
Benefits	D12 Max offers all the benefits of standard D12, but has been "Super pre-stretched" by Marlow to provide higher strength for a given diameter							

**D12 Plus**

Construction	12 Strand Dyneema® with PU coating	Diameter (mm)	16	18	20	22	24	28	32
Colours	Black, Green, Blue, White	Min. Break Load (kN)	23.9	31.7	39.7	41.7	50.0	67.9	88.7
Lengths	Lengths made to order	Weight (g/m)	1.23	1.65	2.10	2.52	2.70	3.75	5.01
Benefits	Size for size D12 plus displays the same strength as steel wire yet is a fraction of the weight and also floats. As well as significant handling advantages over steel wire, D12 plus is safer to use as it experiences no recoil or dangerous unravelling. Lengths made to order with or without terminated ends.	Diameter (mm)	36	40	44				
		Min. Break Load (kN)	108.0	128.0	146.0				
		Weight (g/m)	6.25	7.50	8.71				

Marlow also manufacture a range of CE certified Static, Dynamic and Abseiling Ropes, details of which can be found in our Safety & Rescue catalogue, available on request. Alternatively visit [www.marlowropes.com](http://www.marlowropes.com).

# Classic Series 1.5mm - 24mm

Standard polyester and synthetic hemp ropes for more traditional film & stage rigging.

**Hardy Hemp**

Construction	3 Strand Polypropylene	Diameter (mm)	6	8	10	12	14	16	18
Colours	Natural	Min. Break Load (kN)	2.94	4.90	9.32	13.34	18.73	24.52	31.09
Lengths	100m, 200m	Weight (g/m)	15	28	45	62	81	117	140
		Diameter (mm)	20	22	24				
		Min. Break Load (kN)	41.38	44.23	48.35				
		Weight (g/m)	194	232	263				

**8 Plait Standard**

Construction	8 Plait Polyester	Diameter (mm)	1.5	2	3	4
Colours	Black	Av. Break Load (kN)	0.70	1.01	1.63	2.80
Lengths	100m, 200m	Weight (g/m)	2.5	3.3	7.0	11.6

**8 Plait Pre-Stretched**

Construction	8 Plait Polyester, Twisted Polyester Core, Pre-stretched	Diameter (mm)	4	5	6	7	8
Colours	Black	Av. Break Load (kN)	2.97	4.71	6.18	6.87	10.79
Lengths	100m, 200m	Weight (g/m)	13	21	29	43	55

**3 Strand Polyester**

Construction	3 Strand Polyester	Diameter (mm)	4	6	8	10	12	14	16
Colours	Black	Av. Break Load (kN)	2.94	5.49	10.00	15.59	22.26	31.19	39.82
Lengths	100m, 200m	Weight (g/m)	12	27	48	76	110	148	148
		Diameter (mm)	18	20	24	28	32		
		Av. Break Load (kN)	49.82	62.27	89.54	119.94	153.97		
		Weight (g/m)	245	303	437	594	778		

**Mattbraid**

Construction	24 Plait Spun Polyester Cover / Braided Polyester Core	Diameter (mm)	4	5	6	8	10	12	14
Colours	Black	Av. Break Load (kN)	2.93	4.15	5.50	13.95	30.0	35.1	54.5
Lengths	100m, 200m	Weight (g/m)	1.30	2.00	2.50	4.40	7.40	10.3	14.06
		Diameter (mm)	16	18	20				
		Av. Break Load (kN)	62	79	101.1				
		Weight (g/m)	18.6	24.4	29.8				

 Dyneema is a registered Trade Mark of Royal DSM N.V.

**Twaron • Technora • Vectran**



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