



DONAGHYS

Mongoose Heavy Duty Recovery Strops

12 Strand UHMwPE Strop

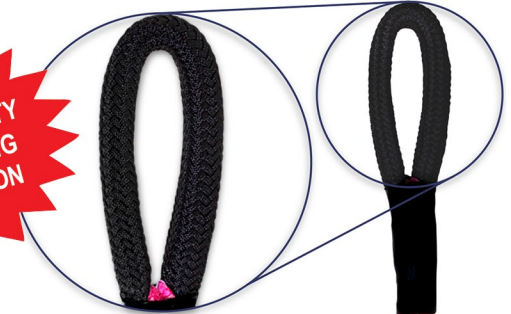
with soft eye in each end

Features

- Ultra high strength to weight ratio
- Lightweight and flexible to reduce the risk of back injuries and assists on site handling
- Low elongation
- Coloured pink for safety and easy identification as towing strop
- Minimal re-coil and kinetic energy at break
- Traceability (durable I/D tags)
- Reduced hand injuries ie. no fish-hooking like wire rope
- Heavy duty tight HT Nylon cover to minimise ingress of grit and assist cleaning
- Highly resistant to wear and flex fatigue
- Strops to 500 Tonne
- Certified to tonnage rating
- Available on request with marine grade round thimble
- Colour coding by application available on request

Applications

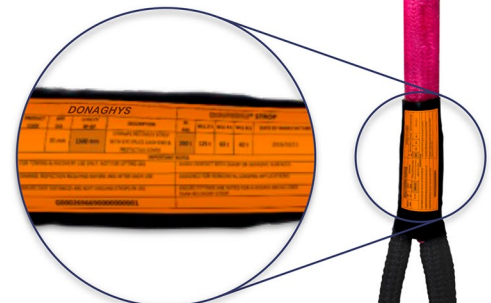
- Light and heavy vehicle recovery
- 4x4 vehicle recovery
- Vehicle towing



Heavy duty Nylon cover braid on body and eyes protects from wear and tear



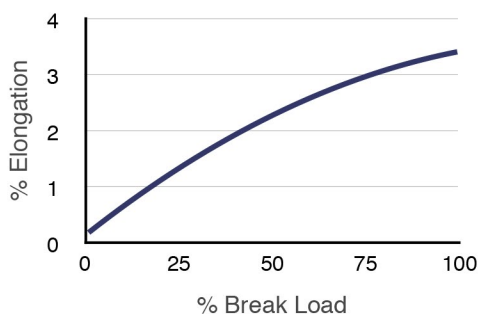
Extreme strength from Winchline core



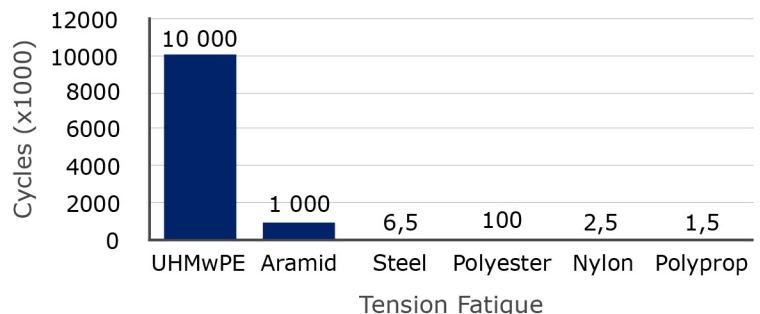
Traceable ID Tags

Technical

Elongation vs Break Load



Tension Fatigue



Donaghys Mongoose Recovery Straps

Range

- Straps are available by Break Force (tonnes).
- 30T to 350T supplied with fully machine braided cover to body & eyes.
- 400T to 500T straps supplied with HD fire hose cover to body & eyes.

Product Code	Finished Diameter (mm)	Break Load (Tonnes)	Length (metres)	Weight of completed strap (kg)
D235BRY30T06	32	30	6	4.5
D235BRY30T10	32	30	10	7.0
D235BRY30T15	32	30	15	10.5
D235BRY30T20	32	30	20	14.0
D235BRY50T01	38	50	1	2.0
D235BRY50T03	38	50	3	4.0
D235BRY50T06	38	50	6	6.5
D235BRY50T10	38	50	10	10.0
D235BRY50T15	38	50	15	15.0
D235BRY50T20	38	50	20	20.5
D235BRY70T01	44	70	1	2.5
D235BRY70T03	44	70	3	4.5
D235BRY70T06	44	70	6	7.5
D235BRY70T10	44	70	10	13.0
D235BRY70T15	44	70	15	17.0
D235BRY70T20	44	70	20	28.0
D235BRY100T06	48	100	6	12.0
D235BRY100T10	48	100	10	15.5
D235BRY100T15	48	100	15	29.5
D235BRY100T20	48	100	20	34.0
D235BRY150T10	65	150	10	24.0
D235BRY150T20	65	150	20	47.0
D235BRY200T15	75	200	15	45.5
D235BRY300T15	82	300	15	65.0

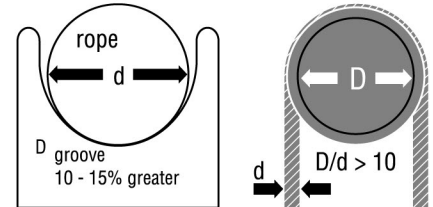
Note: Other sizes and lengths made to order.

Technical

Rope properties; bending fatigue

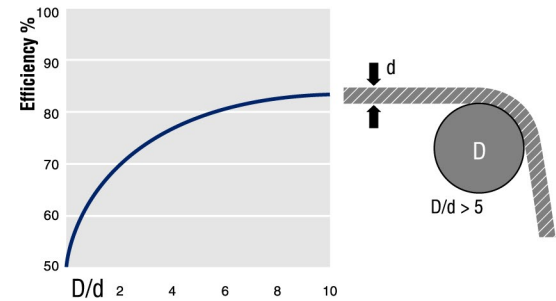
Sheaves should be smooth and clean (no rust)

Groove material can play an important role in life

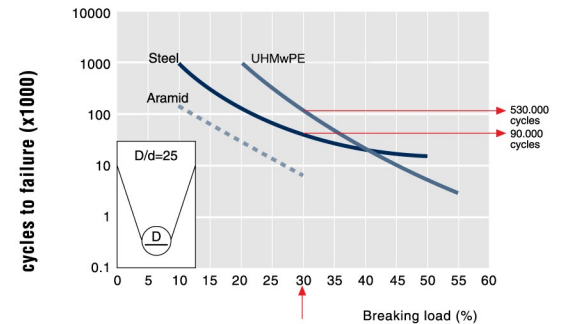


Rope properties; static bending

Bending loss PM20



Bending fatigue



Construction & Mining Vehicle Recovery Applications

Mongoose Break Force (Tonnes)	DISTRESSED VEHICLES - GVW*			HILL OR GRADIENT TOWING - GVW*		
	Towing from general muddy, slippery conditions	Towing from Medium bogged position in mud	Towing from Heavy to Extreme entrenched position	6° Incline 1m Gradient over 10m distance (1:10)	11° Incline 1m Gradient over 6m distance (1:6)	18° Incline 1m Gradient over 4m distance (1:4)
30	60	30	20	120	64	41
50	100	50	35	201	106	68
70	140	70	50	281	148	95
100	200	100	70	401	212	135
150	300	150	100	602	318	203
200	400	200	140	803	424	271
250	500	250	170	1004	529	338
300	600	300	200	1204	635	406
350	700	350	245	1405	741	474
400	800	400	280	1606	847	541
450	900	450	315	1807	953	609
500	1000	500	350	2007	1059	676

* The weight of a vehicle in tow based in Tonnes