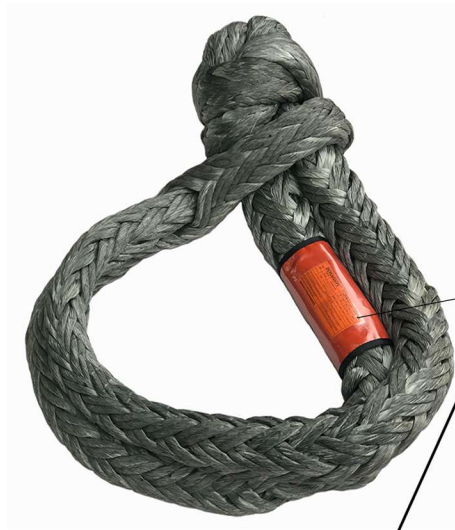




Installation guide

Soft UHMwPE Shackles



Traceable
ID Tag



Optional protective sleeve



Correct connecting method

FEATURES

- The perfect replacement for traditional metal shackles
- UHMwPE soft fibre shackle
- Made to connect strops or slings to vehicles
- Will not rust or corrode
- Soft and will not damage surfaces around it
- Does not require tools to use
- Will not shatter in the event of a failure as with metal shackles
- Versatile, lightweight, safe and easy to use
- Designed to use in conjunction with Donaghys Mongoose® Recovery Strop range
- Also available with protective sleeve to extend longevity in arduous conditions
- Range from 1.1 Tonne to 500T and above on request



TECHNICAL

- 12 strand Stealth® UHMwPE fibre hand spliced into a soft shackle configuration

APPLICATIONS

- Metal Shackle replacement
- Towing & recovery



Destruct test video

RANGE



Product Code	Description	Finished Size	Open length (m)	Weight (kg)	Break Load (Tonnes)
RBRS012TSS	SOFT SHACKLE INDUSTRIAL 1.2T	4mm	0.15	0.003	1.2
RBRS018TSS	SOFT SHACKLE INDUSTRIAL 1.8T	6mm	0.15	0.005	1.8
RBRS031TSS	SOFT SHACKLE INDUSTRIAL 3.1T	8mm	0.15	0.006	3.1
RBRS044TSS	SOFT SHACKLE INDUSTRIAL 4.4T	10mm	0.5	0.030	4.4
RBRS062TSS	SOFT SHACKLE INDUSTRIAL 6.2T	12mm	0.5	0.058	6.2
RBRS075TSS	SOFT SHACKLE INDUSTRIAL 7.5T	14mm	0.5	0.073	7.5
RBRS095TSS	SOFT SHACKLE INDUSTRIAL 9.5T	16mm	0.5	0.083	9.5
RBRS12TSS	SOFT SHACKLE INDUSTRIAL 12T	18mm	0.5	0.100	12.0
RBRS14TSS	SOFT SHACKLE INDUSTRIAL 14T	20mm	1	0.295	14.0
RBRS0157TSS	SOFT SHACKLE INDUSTRIAL 15.7T	22mm	1	0.300	15.7
RBRS0221TSS	SOFT SHACKLE INDUSTRIAL 22.1T	24mm	1	0.390	22.1
RBRS0259TSS	SOFT SHACKLE INDUSTRIAL 25.9T	28mm	1	0.525	25.9
RBRS0306TSS	SOFT SHACKLE INDUSTRIAL 30.6T	32mm	1.5	0.900	30.6
RBRS0451TSS	SOFT SHACKLE INDUSTRIAL 45.1T	36mm	1.5	1.275	45.1
RBRS0589TSS	SOFT SHACKLE INDUSTRIAL 58.9T	40mm	1.5	1.500	58.9
RBRS0797TSS	SOFT SHACKLE INDUSTRIAL 79.7T	48mm	1.5	2.175	79.7
RBRS1097TSS	SOFT SHACKLE INDUSTRIAL 109.7T	56mm	1.5	3.000	109.7
RBRS1534TSS	SOFT SHACKLE INDUSTRIAL 153.4T	72mm	1.5	4.500	153.4
RBRS2054TSS	SOFT SHACKLE INDUSTRIAL 205.4T	84mm	2	7.500	205.4
RBRS260TSS	SOFT SHACKLE INDUSTRIAL 260T	96mm	2	11.400	260.0
RBRS3094TSS	SOFT SHACKLE INDUSTRIAL 309.4T	108mm	2.5	20.125	309.4
RBRS3861TSS	SOFT SHACKLE INDUSTRIAL 386.1T	128mm	2.5	27.500	386.1
RBRS5187TSS	SOFT SHACKLE INDUSTRIAL 518.7T	136mm	3	37.200	518.7

**Donaghys Soft Shackles currently not approved for lifting under an Australian standard (currently under review), we recommend a minimum D/d ratio of 2.5 between the bend diameter and the base rope diameter.*

**Note the base rope diameter is 50% of the finished diameter displayed in the range above*

FIBRE CHARACTERISTICS

Fibre:Type	Description	Specific Gravity	Sensitive to	Resistant to	Heat Reaction	Strength & Elongation
UHMWPE Ultra High Molecular Weight Polyethylene	Continuous Filament	0.97 g/cm3	Strong oxidising agents, Chlorosulfonic & Nitric acids at high temperatures. Slightly affected by Sodium Hydroxide (pH>14)	Most acids & alkalis, cold alcohols, ethers, esters, ketones & bleaches	Softens 144°C Melts 152°C	Equivalent wet/dry strength ratio. Elongation 4% at Break