

7. Synthetic slings

Synthetic slings

Index

1 General

- 1.1 About Hendrik Veder Group
- 1.2 Trade names
- 1.3 Certified Quality
- 1.4 Certificates
- 1.5 Key suppliers & brands
- 1.6 Contact information
- 1.7 Locations
- 1.8 General terms & conditions

2 Heavy lifting slings

- 2.1 Operations overview
- 2.2 Single laid slings
- 2.3 Cable-laid & grommet slings

3 Services

- 3.2 Inspection & (re-)certification
- 3.3 (Load-)testing / load testing of cranes
- 3.4 Reeving and unreeving of cranes and winches
- 3.5 Reconditioning and overhaul
- 3.5 Complete annual and quadrennial lifeboat surveys

4 Steel wire rope

- 4.1 6-strand
- 4.12 8-strand
- 4.16 Non-rotating | Non-compacted
- 4.19 Non-rotating | Compacted
- 4.20 Stainless steel
- 4.25 Swaged forestry ropes
- 4.27 Branded special wire ropes

5 Wire rope accessories

- 5.1 Thimbles
- 5.18 Sockets
- 5.51 Socketing compound
- 5.52 Wire rope clips

6 Fibre ropes

- 6.1 High Modulus Polyethylene
- 6.2 High strength Polyester/Polypropylene (50:50)
- 6.3 High strength Polyester/Polypropylene (20:80)
- 6.4 High strength Polypropylene
- 6.5 Nylon mono and multifilament
- 6.6 Winchline; Mooring tails
- 6.7 Polypropylene
- 6.8 Polyester
- 6.9 Nylon
- 6.10 Manila

7 Synthetic slings

- 7.1 Flat webbing & round slings















8 Lifting & rigging gears

- 8.1 Shackles
- 8.54 Links
- 8.87 Hooks
- 8.125 Turnbuckles
- 8.149 Load binders
- 8.156 Hoists
- 8.169 Lifting points
- 8.190 Blocks & sheaves
- 8.228 Lifting clamps
- 8.256 Swivels

9 Mooring & towing

- 9.1 Main tow bridle
- 9.2 Mooring points
- 9.3 Studlink chaincable test loads
- 9.4 Shackles
- 9.5 Thimbles
- 9.6 Hooks
- 9.7 Sockets
- 9.8 Swivels
- 9.9 Triangle plate
- 9.10 Towing & mooring, anchor and pennant lines
- 9.11 Mooring ropes (8 strand)
- 9.12 Wire tow rope protectors

Flat webbing & round slings details and working load limits

Safety factor 7:1										
Flat webbing slings EN 1492-1										
Round slings EN 1492-2										
Lifting mode	Straight lift	Choked lift	Basket lift			2 - leg		3/4 - leg		
			$\beta = 0^\circ$	$\beta = 0^\circ-45^\circ$	$\beta = 46^\circ-60^\circ$	$\beta = 0^\circ-45^\circ$	$\beta = 46^\circ-60^\circ$	$\beta = 0^\circ-45^\circ$	$\beta = 46^\circ-60^\circ$	
Load factor	x 1.0	x 0.8	x 2.0	x 1.4	x 1.0	x 1.4	x 1.0	x 2.1	x 1.5	
Colour	kg	kg	kg	kg	kg	kg	kg	kg	kg	
Violet	1,000	800	2,000	1,400	1,000	1,400	1,000	2,100	1,500	
Green	2,000	1,600	4,000	2,800	2,000	2,800	2,000	4,200	3,000	
Yellow	3,000	2,400	6,000	4,200	3,000	4,200	3,000	6,300	4,500	
Grey	4,000	3,200	8,000	5,600	4,000	5,600	4,000	8,400	6,000	
Red	5,000	4,000	10,000	7,000	5,000	7,000	5,000	10,500	7,500	
Brown	6,000	4,800	12,000	8,400	6,000	8,400	6,000	12,600	9,000	
Blue	8,000	6,400	16,000	11,200	8,000	11,200	8,000	16,800	12,000	
Orange	10,000	8,000	20,000	14,000	10,000	14,000	10,000	21,000	15,000	

Other sling types and lifting capacities are available upon request