




Webblon
fibre has come of age



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● WEBBLON INTRODUCTION



Webblon established on 2013 in the Middle East, where we started as a sole manufacturer of polyester slings, cargo lashings and fall arrest products. We rapidly grew on to become one of the leading manufacturers in the middle East.

Today, Webblon manufactures and distributes a wide variety of polyester flat webbing slings, cargo lashings and special slings.

State of the art facilities for production and quality control have been set up to ensure the highest standards for all our products.

Through aggressive marketing, Webblon has made a strong impact in the Middle East, Asia, Africa and Europe.

PROVEN TRACK RECORD

During the last years of service in the market, our success has been contributed mainly due to our consistency in quality and maintaining customer satisfaction. All our products are in accordance with European Norms.

Webblon is headquartered in Korea, with offices in UAE, KSA & India. Our newly launched website is www.webblon.com

SLINGS PROTECTION

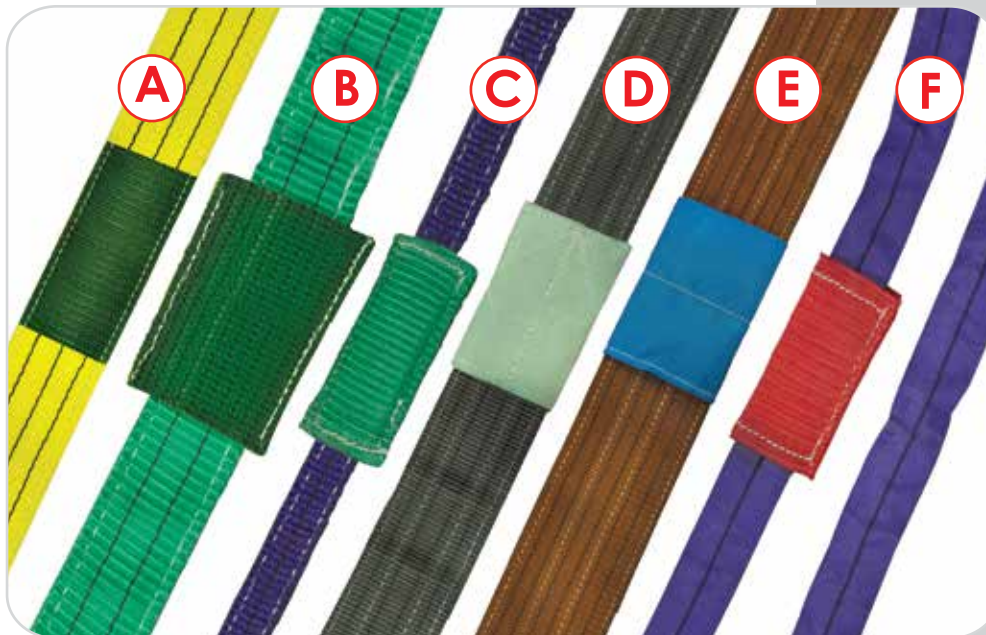
STOP

Replacing your synthetic slings and wear pads due to cutting.

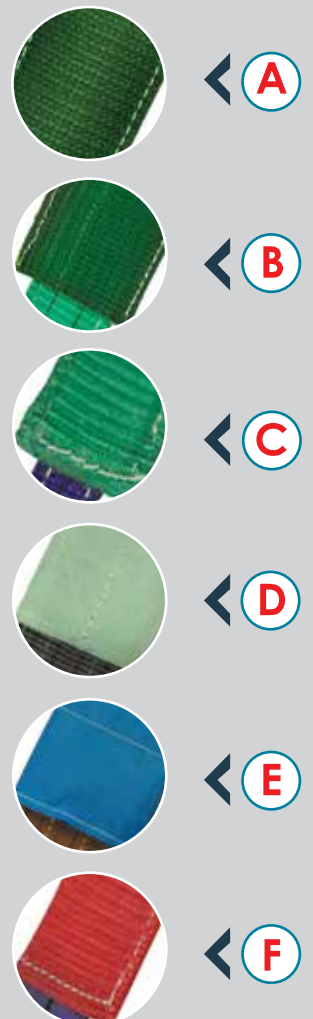
Use The Varied Sling protectors webblon offers.

The number one cause of synthetic sling failure is cutting. When the slings are cut, property damage and personal injury or death can result. Wear pads can help to reduce this problem by acting as a buffer between the load edge and the sling. When used with steel sling, wear pads help protect both sling and load from damage along points of contact.

Always protect slings from being cut or damaged by corners, edges and protrusions using protection sufficient for each application.



- A. Slip & Cut resistance PU PAD sewn on Webbing sling
- B. Slip & Cut resistance PU Pad on protective Sleeve.
- C. Flat protective sleeve of polyester webbing.
- D. Double layered cow hide leather sleeve.
- E. Double layered Tubular sleeve of polyester fiber.
- F. Tubular sleeve of webbing.



Primary Causes of cutting - How to avoid

Edges - Edges do not need to be “sharp” to cause sling failure. Increase radius of all edges in contact with slings.

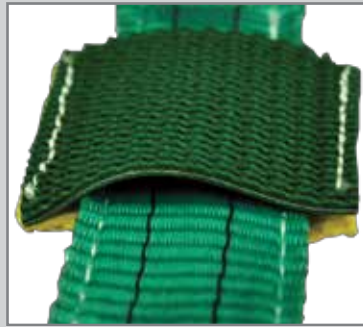
Movement - restrict sling movement against edges

Pressure - reduce by using wider or additional slings

WEAR PAD MATERIALS



P U PAD - Sewn
Sewn on webbing



P U PAD - Sleeve
Sewn as a sleeve



Standard Sleeve
Heavy web sleeve



Heavy Leather Sleeve
Genuine top-grain cowhide
(may require multiple pieces
for longer length)



Balistic Polyester Sleeve
A thin, 2 ply wear resistant fabric
made of polyester fiber,
appropriate for smaller sleeves
and bundling applications.



Round Sling Guard - Sleeve
A heavy web sewn as a sleeve
for small & economy application.

WARNING

Wear pads may not prevent cutting or other sling damage. To avoid severe personal injury or death, keep all personnel clear of loads about to be lifted and suspended loads.

Safe Operating Practices

A qualified person must select materials and methods that adequately protect the slings from damage. webblon recommends that, prior to making a lift, the load be rised slightly, then lowered so that tthe slings and wear pads can be inspected for damage. If there is evidence of cutting, the lift should be tested again using different pad materials and .or methods.

Do not ignore warning signs of misuse. Cut marks detected during any sling inspection serve as a clear signal that sling protection must be added or improved.



WARNING






Exposure of slings to edges with a radius that is too small can cause sling failure and loss of load.

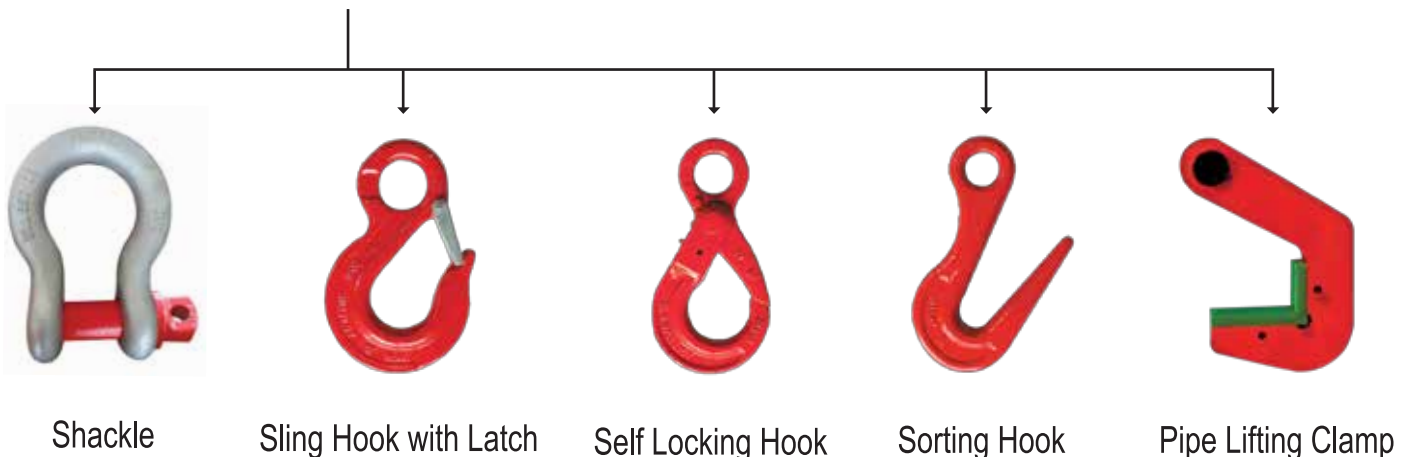
SINGLE & MULTI LEG SLINGS

Webblon Manufactures Single & Multi Leg Slings with various fitting for wide applications webbing slings assembled are of 7:1 safety factor and grade 80 accessories with 4:1 safety factor. Grade 80 fittings undergoes

1. Individually proof tested at 2.5 time Working Load Limit.
2. Fatigue tested at 1.5 times Working Load Limit.
3. 100% magnaflex crack detection.
4. Powder Plastified Coating.



COLOUR	WIDTH	SINGLE LEG	TWO LEG	THREE / FOUR LEG
		 90°	 0-45°	 0-45°
VIOLET	1"/25mm	1T	1.4T	2.1T
GREEN	2"/50mm	2T	2.8T	4.2T
YELLOW	3"/75mm	3T	4.7T	6.3T
GREY	4"/100mm	4T	5.6T	8.4T
RED	5"/125mm	5T	7T	10.5T
BROWN	6"/150mm	6T	8.4T	12.6T
BLUE	8"/200mm	8T	11.2T	16.8T
ORANGE	10"/250mm	10T	14T	21T
ORANGE	12"/300mm	12T	16.8T	25.2T



Shackle

Sling Hook with Latch

Self Locking Hook

Sorting Hook

Pipe Lifting Clamp

Web connector is a Grade 80 forged accessory with powder coated finish used as a

1. Connecting Link between master link / assembly and web/round sling.
2. Connecting Links are used in various combination as in above pictures.
3. Can be used as a sliding choker ed fitting fro webbing and round sling.
4. Available upto 30 tons flat width of 160mm.
5. Reference Standards prEN 1677 - 2/3/4 : 2000 Components for slings - safety - part - 2/3/4

WEBBING SLINGS EN 1492- 1:2000 + A1:2008 (E)

Webblon Manufactures webbing slings as per BS EN1492-1, with safety factor of 7:1 and above only. Webbing Slings are made in single ply Double Ply, Three Ply, & Four Ply as per Standards. Webblon Slings are made of 100% polyester woven fiber which is resistant to many acids, but subject to degradation in alkalies.

EN 1-1492-, Double Ply Slings










COLOUR	WIDTH	WLL	SWL / WLL IN KG AT DIFFERENT MODES					WEIGHT/MTR approx in KG
								
VIOLET	1"/25mm	1T	1000	2000	1400	800	1000	0.18
GREEN	2"/50mm	2T	2000	4000	2800	1600	2000	0.38
YELLOW	3"/75mm	3T	3000	6000	4200	1400	3000	0.55
GREY	4"/100mm	4T	4000	8000	5600	3200	4000	0.72
RED	5"/125mm	5T	5000	10000	7000	4000	5000	0.96
BROWN	6"/150mm	6T	6000	12000	8400	4800	6000	1.2
BLUE	8"/200mm	8T	8000	16000	11200	6400	8000	1.6
ORANGE	10"/250mm	10T	10000	20000	14000	8000	10000	1.87
ORANGE	12"/300mm	12T	12000	24000	16800	9600	12000	2.15
			Straight lift 100%	Basket lift 200%	140% 7° - 45°	Choker lift 80%	100% 45° - 60°	

Chart in comparison for Single Ply, Double Ply, Three Ply & Four Ply.

COLOUR	WIDTH	SINGLE PLY	DOUBLE PLY	THREE PLY	FOUR PLY
					
VIOLET	1"/25mm	0.5T	1T	1.5T	2T
GREEN	2"/50mm	1T	2T	3T	4T
YELLOW	3"/75mm	1.5T	3T	4.5T	6T
GREY	4"/100mm	2T	4T	6T	8T
RED	5"/125mm	2.5T	5T	7.5T	10T
BROWN	6"/150mm	3T	6T	9T	12T
BLUE	8"/200mm	4T	8T	12T	16T
ORANGE	10"/250mm	5T	10T	15T	20T
ORANGE	12"/300mm	6T	12T	18T	24T

Specialization

Webbing slings upto five ply as per users requirement upto 30 ton x 30mtr for varied wide product size can be made.

Webbings with extra coating for increased abrasive resistance can be supplied.

Webbings with increased width upto 400mm for special applications available in stocks.

Eye protections for webbing can be made with heavy duty polyester fiber, cowhide leather & Synthetic Rexin.

Two ply Endless, Double ply Slings upto 100mtrs can be made.



CARGO LASHINGS

Webblon Manufactures a complete range of truck tie down assemblies and associated products from 1 - 4 inch wide webbing every assembly is manufactured as per standard. Webblon cargo lashings are made of polyester webbings as it has very low elongation low creep properties, resistance to acids. Different sizes are below



WIDTH	BREAKING STRENGTH	LASHING CAPACITY	COLOUR
1" (25 mm)	1000 kg	400 kg	BLUE
1.5" (35 mm)	3000 kg	1200 kg	YELLOW
2" (50 mm)	5000 kg	1825 kg	YELLOW
3" (75 mm)	10000 kg	3750 kg	ORANGE
4" (100 mm)	10000 kg	5000 kg	GREY

Cargo Lashings are usually made to length of 6,10,12 mtr.

Webblon can fabricate cargo lashings upto 100 mtrs for various applications upon customer requirement.

End fittings of cargo lashings are with zinc coating to with stand corrosion..

The various end fittings for cargo lashings are as below.

Double J Hook	Chassis Hook	Delta Hook	Flat Hook	Double Stud with Ring
				

Disposable Cargo Lashing

Working Document prEN xyz:2012 (E)

Webblon manufactures disposable flat cargo lashing and slings for the transport of goods from the manufacturer to the end consumer and shall be destroyed or disposed at the end of transport chains.

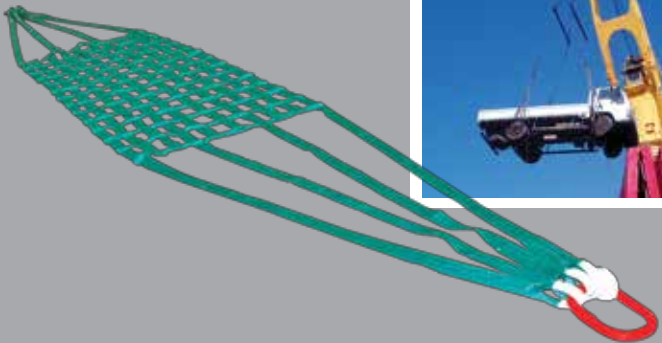
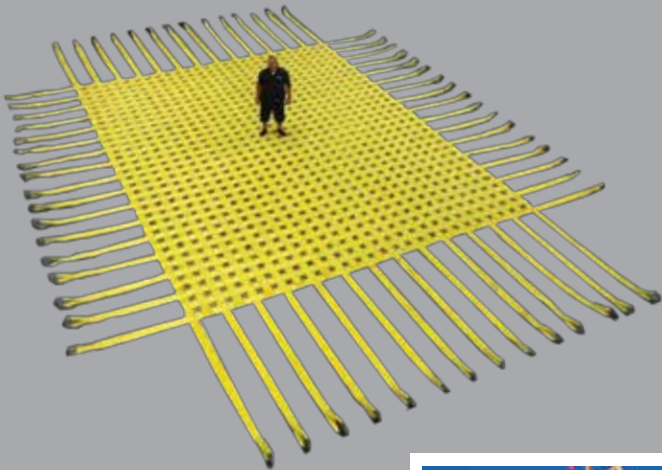
Fabricated in the width range of 25 - 100 mm inclusive.

Used predominantly for air cargo services with wire hook and double stud fitting.



CUSTOM MADE WEBBING NETS

1. Cargo Net
2. Human Safety net
3. Automobile lifting Net
4. Pipe Lowering Belt.



CARGO NET

- Made to Customer requirements.
- Size ranging from 1mtr x 1mtr to 10mtr x 10mtr.
- Capacities ranging from 1 Ton to 40 Ton.
- Mesh size can be customized as per application.
- The webbing width used will range from 1inch to 6 inch.
- Used for aircargo lashings & LCL Cargo on vesels.
- Varied type of end fittings can be fitted on demand.
- Can be used as a fall protection safety net also.

AUTOMOBILE LIFTING NET

- Mesh area 1mtr x 1 mtr to 3mtr x 6mtr.
- Total length from end to end ranging from 15ft to 25ft.
- Varied end fittings can be fitted on demand.
- Used for lifting automobiles, forklifts & Loadings.

HUMAN SAFETY NET

- Safety nets are used at working in heights.
- Used in ship building, ship repair & ports.
- Two ends of the net are kept in position with aluminium tube with seperater.
- The ends of the tube are plugged in water tight with tufflon stub.
- Each length side of the net is kept in position in floating synthetic rope.
- Sizes can varie from 2mtr x 6mtr to

PIPE LOWERING BELTS



Webblon Manufactures pipe lowering belts from 12inches to 56 inch pipes.
Designed for lowering Oil & Gas pipelines safely.
Manufactured from polyester webbing sling connected to steel heavyduty head terminals.
Ease on site belt replacement with advanced replacable terminals.
Webbing safety factor 7:1 and steel head is 4:1.
Can be made of heavyduty nylon belts.
Heads are riveted with name plate and webbing with label for tracability.

Rated Capacity for Polyester Lowering Belt

NOMINAL PIPE SIZE	WIDTH OF WEB	SWL	HOOKS PER SIDE	WEIGHT OF SET (in kg)
12 Inch	300 mm	12000	2	30
18 Inch	450 mm	20000	3	52
20 Inch	500 mm	22000	4	54
24 Inch	600 mm	25000	3	61
30 Inch	750 mm	32000	4	89
36 Inch	900 mm	38000	4	108
42 Inch	1050 mm	45000	5	120
48 Inch	1219 mm	50000	5	139
56 Inch	1422 mm	66000	6	187






ENDLESS ROUND SLINGS

POLYESTER (EN 1492- 2:2000+A1 2008)



Endless roundsling referred as a tubular sling is comprised of continuous load bearing cores made from synthetic yarns, not woven, fully enclosed in a protective cover, and with or without fittings. Polyester Roundslings are enclosed in single or double sleeve as per customer.

Rated Capacity for polyester Roundslings

SWL / WLL IN KG AT DIFFERENT MODES									
COLOUR	WLL	WIDTH						WEIGHT/MTR approx in KG	MINIMUM LENGTH mtrs
VIOLET	1T	44mm	1000	2000	1400	800	1000	0.35	0.5
GREEN	2T	46mm	2000	4000	2800	1600	2000	0.52	0.5
YELLOW	3T	60mm	3000	6000	4200	1400	3000	0.74	0.5
GREY	4T	67mm	4000	8000	5600	3200	4000	0.91	0.5
RED	5T	78mm	5000	10000	7000	4000	5000	1.29	0.5
BROWN	6T	83mm	6000	12000	8400	4800	6000	1.39	1
BLUE	8T	95mm	8000	16000	11200	6400	8000	1.75	1
ORANGE	10T	112mm	10000	20000	14000	8000	10000	2.28	2
ORANGE	15T	125mm	15000	30000	21000	12000	15000	3.5	2
ORANGE	20T	150mm	20000	40000	28000	16000	20000	5.4	2.5
ORANGE	25T	180mm	25000	50000	35000	20000	25000	6.8	2.5
ORANGE	30T	200mm	30000	60000	42000	24000	30000	10.8	2.5
ORANGE	40T	210mm	40000	80000	56000	32000	40000	14.2	2.5
ORANGE	50T	220mm	50000	100000	70000	40000	50000	16.3	3
ORANGE	60T	240mm	60000	120000	84000	48000	60000	20.2	4
ORANGE	80T	260mm	80000	160000	112000	64000	80000	26	4
ORANGE	100T	290mm	100000	200000	140000	80000	100000	30.3	4
			Straight lift 100%	Basket lift 200%	140% 7° - 45°	Choker lift 80%	100% 45° - 60°		

SINGLE / MULTI LEG ROUND SLING

Webblon Manufactures Single/Multi leg polyester roundsling with varied fittings. These sling system consist of components manufactured by Gunnebo Industries. The fittings grade 80 & 100 are used, designed for polyester roundslings. quick & easy assembly with standard dimensions eliminates incorrect assembly of the components.

These roundslings can be of polyester fiber or UHMWPE fiber.

The Multiplicative factor for rating of slings will be as per single / multi webbing sling WLL. (refer page number : 05 of this catalogue)



GUNNEBO FITTINGS

1677-1-2-3&4

Roundsling Hook RH Grade 100 & Grade 80

Can be inserted in any softsling and is quicker and safer to use than shackle. available in tonnages 1,2,3 & 5 tonnes.



Round sling coupling SKR

These come in sizes 2 tones to 21 tonnes with a width of 150mm



Sling Hook with/without Latch

It ranges from 2 ton 12.5 tonne to suites roundslings width of 43mm



Master Link

Available in capacities 2 to 12.5 tonne to suite roundsling width 105 mm



Half Link

Range from 2 tones to 21 tonnes suitable to all the above roundsling fittings.



Insulated Roller Bearing Swivel

Electrically insulated, Lubricated, Sealed roller bearing swivel. tested to 1000 V. Suitable for protection of overhead cranes during welding on suspended loads. these are compactable with all the above asseccories for versatile use from 2 to 21 tonnes.





ENDLESS ROUND SLINGS

UHMWPE (EN 1492- 2:2000+A1 2008)

Slings with UHMWPE are the most lightweight slings not only for safe and easier but also most cost effective lifting tackle.

These slings have been introduced to replace steel wire ropes, gromets, chains, PP & PE to meet the challenges for offshore and onshore application because of

- Excellent lower weight (Easy to handle compare to other lifting products)
- Higher stiffness (Reduced elastic response compare to any other slings)
- Smaller diameter and Higher capacity (Easier to use on hooks & shackles etc..)
- Increased flexibility compare to capacity (Doesn't need forklift or cranes to handle the slings)
- Increased reliability and safety (Reduced stored energy)
- Low elongation (3% onload)
- Ranges from 10 ton - 600 tons
- Increased Life (Combined with abrasion resistance and low coefficient of friction)
- Specific Gravity 0.97, 8-15 times of steels (Specific gravity of steel 7.8)

Can be manufactured in form of endless round sling, tubular slings with both end lifting eyes

Can be fabricated to one or multi leg sling with end fittings of grade 100

Safety factor of 7:1 and 8:1 can be made.

WLL (in tonnes)	COLOUR	DIAMETER (in mm)	MIN LENGTH (in mtrs)	MAX LENGTH (in mtrs)	WEIGHT OF SET (in kg)
10	ORANGE	36 mm	2.0	60	
15	ORANGE	44 mm	2.0	60	
20	ORANGE	55 mm	2.0	60	
30	ORANGE	66 mm	2.0	60	
50	ORANGE	86 mm	2.0	60	
100	ORANGE	125 mm	2.0	60	
200	ORANGE	145 mm	2.0	60	
300	ORANGE	200 mm	2.0	60	
500	ORANGE	250 mm	2.5	60	
600	ORANGE	290 mm	2.5	60	

UHMWPE are supplied with proof load certificate fitness by TUV or Bureau of veritas

Slings can be made to be custom as per customers application requirements.

Sleeves can be of single or double ply.

Application

Used in Oil and Offshore industries.

Used in high risk overhead lifting like windfarms, nuclear powerplants, aircraft industries

QUALITY ASSURANCE

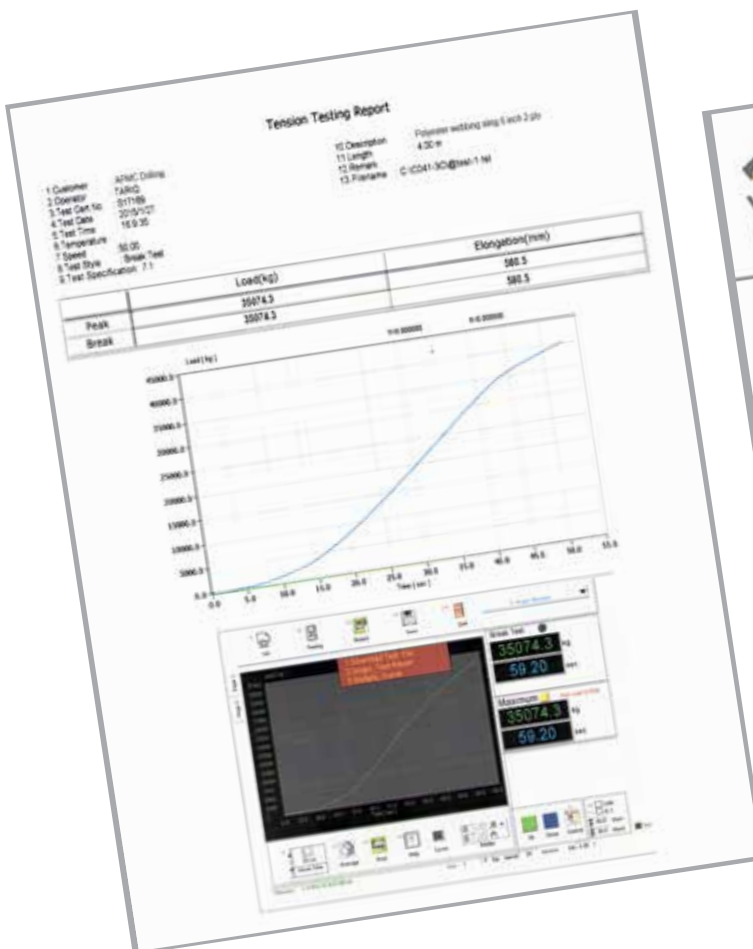
Webblon has its Own Tension testing machine suitable for webblon product range.

Each and every sling of a batch (Raw material) is tested and assured, Sample of tension testing report as below.

As a standard practice Certificate of conformity issued at the time of material issuance from the stocks.

The validity of these certificates are for six months from the date of issuance.

Proof Loaded slings are not considered for use.



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E mail: info@webblon.com, www.webblon.com

Cert. No.: 5301
Date: 05.06.2014

CERTIFICATE OF CONFORMITY

APAC Drilling,
Dubai, U.A.E

Manufactured Order No: 445558522
Customer Ref. No: 656389462355
Manufactured Date: 05.06.2014

Flat Polyester Woven Webbing Slings according to EN 1492 - 1

Sl. No. of Sling	Description of Item	Qty	Safety Factor	Sling Working Load (kg)
001	Flat Polyester Woven Webbing Sling Size : 10' x 04 M Type : Double Ply Colour : Orange Safe Working Load (kg) : 10000 Proof Load (kg) : 20000	4	7:1	10000

We certify the slings listed above have been produced in accordance with the above mentioned standard.
Proof Load shall be applied on material batch sample.

Recommended Operating Practices.

- Only slings with legible identification tags shall be used.
- The weight of the load shall be within the rated capacity of the web sling.
- Consideration shall be given to the sling to load angle which affects rated capacity.
- Slings used in basket hitches should have the load controlled to prevent slippage.
- Web sling shall always be protected from being outstripped by corners, edges, protrusions or abrasive surfaces.
- Shock loading should be avoided.
- Slings should be long enough so that the 20% is adequate when the sling to load angle is taken into consideration.
- Do not use in excess of 90°C (194°F) and below -40°C (40°F).

Name of the person issued this certificate: Srikanth
Name, Position and Signature of person who carried out the inspection: Jobekim



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