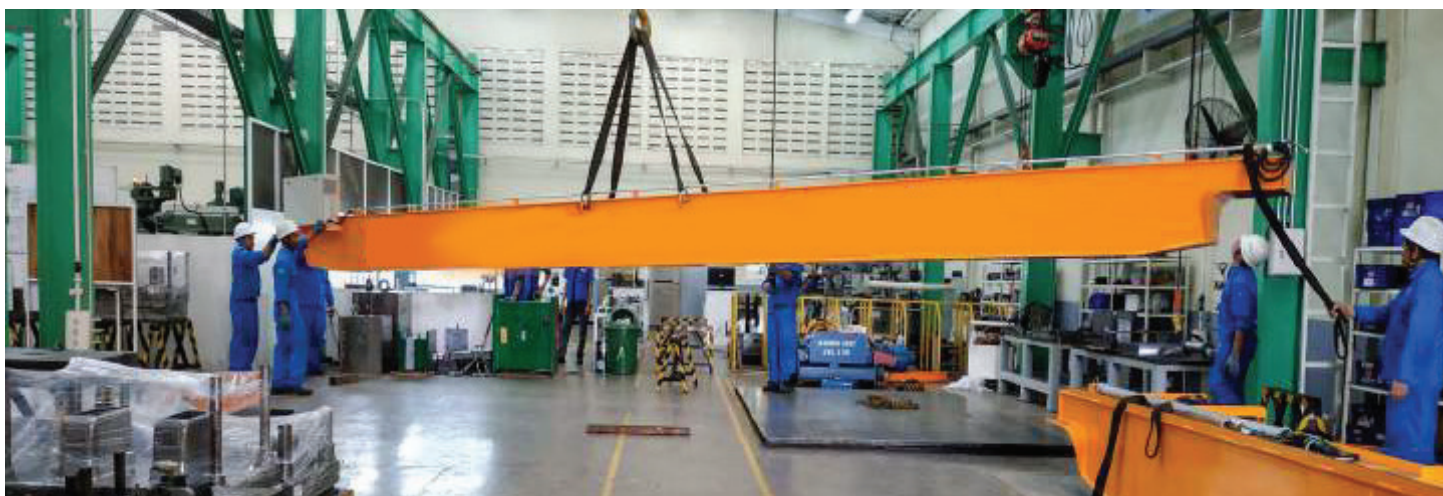
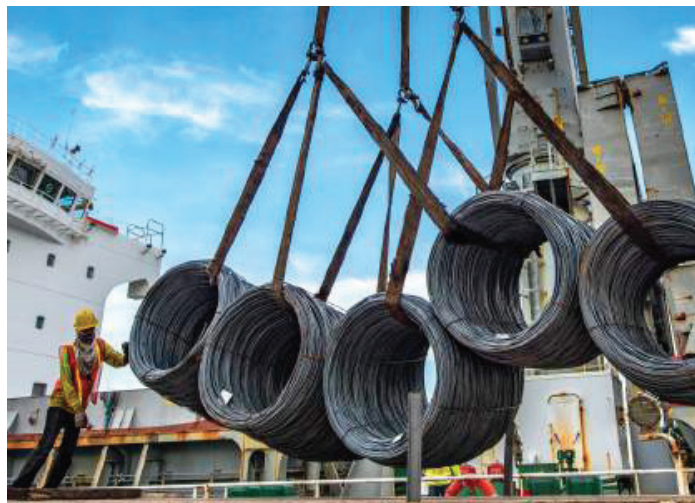




GARWARE
TECHNICAL FIBRES



GARSAFE

Lifting Slings
Lifting made safer...!



About Us

Garware Technical Fibres Ltd. (formerly Garware-Wall Ropes Ltd.) is one of India's leading players in the technical textile industry. Established in 1976, the company today has a multigeography footprint & has a presence in various technical textiles industries.

The company is known for providing world class innovative solutions for applications in the Safety, Sport, Agriculture, Fishing & many other types of technical textile industries.

Garware Technical Fibres at a Glance

- Pioneers of synthetic cordage in India
- Global presence with customers spread across 75 countries
- ISO 14001-2015 and 9001-2015 certifications by BVC, UK
- R&D unit recognized by the Department of Science & Technology, Government of India
- Carries ICRA's 'AA-' rating indicating strong financial stability
- Awarded 'Star Export House' status for many years
- Received the largest sports goods and sports nets exporter award from the Sports Goods
- Export Promotion Council, sponsored by the Ministry of Commerce, Govt. of India
- A dividend paying public limited company since inception.
Listed on the Bombay Stock Exchange and the National Stock Exchange of India



**COMPANY
ESTABLISHED IN 1976.**



**ISO 14001 - 2015 & 9001 - 2015
CERTIFICATIONS BY BVC, UK**



**GLOBAL PRESENCE WITH
CUSTOMERS SPREAD
ACROSS 75 COUNTRIES**



**“GREEN
MANUFACTURING
PRACTICE”**

EXCELLENT MANUFACTURING FACILITY



APPLICATION FOCUSED TESTING



CERTIFICATIONS

Garware Technical Fibres Ltd.

- Comes with 100% Guaranteed Breaking strength
- Garsafe Pro slings are CE marked (Process)
- 3rd party (Lloyd's certificate available on demand at)
- Comes with Form 11 / Form 5
- Do's and Don'ts for user safety and proper maintenance



COPY

Certificate No. RLV190251/1
Page 1 of 3

LR

Client: Garware Technical Fibres Ltd/Pune
Office: Pune

Client Order Number: Signed Request for Service dated 28 June 2019
Date: 28 June 2019

Inspection Date: 28 June 2019
Date: 28 June 2019

This certificate is issued by GARWARE TECHNICAL FIBRES LTD/PUNE, to certify that the undersigned Supervisor to Lloyd's Register AG, did at their request attend their Client's works on and between the aforementioned dates for the purpose of examining the item described at below mentioned against the above referred above order (LLOYD'S/190251/01) issued on 28 June 2019.

Sl. No.	Description	Length	Quantity Size	Slings Identifier (s)
1	15 TONS/30000 High Strength Polyethylene 32-Webbing Slings for 15000 Application Conforming to ISO 24077/EN 12195-2 Ref No: CO, Safe Working Load - 3000 kg	3 Meter	100	W190251/01/1001
2	Webbing Proof Load Test of 23-Webbing 3 Meter of sample as per the specification requirements.			W190251/01/1002

Sl. No.	As	Actual	Quality (Working Load 2.2 x SWL kg)	Proof Load Test
1	MCH190705M19B0	75 mm x 10	88.0	No sign of abnormality such as beginning of fraying or split sewing, in the webbing or any permanent deformation, break, flow or other defects in the end fittings.
2	MCH190705M19A7	75 mm x 10	88.0	No sign of abnormality such as beginning of fraying or split sewing, in the webbing or any permanent deformation, break, flow or other defects in the end fittings.
3	MCH190705M19A6	75 mm x 10	88.0	No sign of abnormality such as beginning of fraying or split sewing, in the webbing or any permanent deformation, break, flow or other defects in the end fittings.

The material covered by this certificate is intended for stock and manufacturing in accordance with the requirements indicated. Purchases should note that the material does not necessarily comply with the requirements of the Lloyd's Register in the country of use, and should confirm acceptance by the appropriate authority before using the material.

Compliance Inspection was carried out by the crane detailed above and the same was found to comply with the requirements of the specification and order.

Lloyd's Register Group Limited is a member of a group of companies, including its subsidiaries, wholly or partly owned, controlled or collectively, referred to in this clause as "Lloyd's Register". Lloyd's Register reserves the right to require the client to provide information and documents, including but not limited to, to the extent necessary to enable the information to be used in the event of an insurance claim, unless the client provides a written statement to the effect that the information is not to be used in the event of an insurance claim.

Seen 1/19/2019/2019

QVC CERT
ESTABLISHED IN 1978

2-B, Civil Lines, Yashwantrao Chavan Center, Near Old Session Court, Ambala City - 151003, Haryana, India

CERTIFICATE OF COMPLIANCE

No. QVC/CoC/MD/2019-20/114

Manufacturer: GARWARE TECHNICAL FIBRES LIMITED
Applicable Standards: ISO 9001:2015, ISO 14001:2015, M.L.D.C. CHINCHWAD, PUNE - 411019, MAHARASHTRA, INDIA
Product: WEBBING SLINGS (MAXIMUM WORKING LOAD LIMIT 6MT)
Applicable Standards: EN ISO 24077:2019
Document reference for attestation of conformity: TECHNICAL FILE DOCUMENTATION (TFC/DFD)

Based on successful review of technical construction documentation of the above-mentioned product(s) QVC hereby certifies, conformity of the above mentioned product with the requirements of Directive 2006/42/EC of the European Parliament and of the Council of 17th May 2006 of Machinery.

This certificate has been issued under the following conditions:

- It applies only to the above referenced models of the product.
- The manufacturer shall ensure that all products of the respective models conform to the certificate.
- The certificate remains valid until the manufacturing conditions, relevant harmonized standards or relevant legislative act changed, but not the safety of operation of the device.
- The product liability rests with the manufacturer or his representative in accordance with applicable Directive and standard other following E.U. legislative requirements.

The manufacturer shall affix to each device of the above referenced models, the CE-Mark according to this certificate.

CE

Issued on: 24/12/2019
Valid Until: 25/12/2022

Managing Director

DIRECTORATE OF INDUSTRIAL SAFETY AND HEALTH- 1963

Form 11
See Rule 62 & 64
Test Certificate No.

PROSPECTIVE, & PERIODICAL TEST REPORT of examination of the Lifting Machine, Chains, Ropes, Lifting Tackles, Lifts & Hoists & Adjacent Slings. The undersigned certifies on behalf of the company, that below particulars are correct and that the described Lifting / Hoist / Tackle or Complete gear are according to the regulations of the IS 15043:2002 / IS 15401:1:2000, IS EN 12195-2:2011 respectively. The examination and the test was carried out in my presence.

Sl. No. of Slings	DESCRIPTION, DIMENSION AND MATERIAL OF SLINGS/SLICES				DATE OF TEST	TEST APPLIED	SAFE WORKING LOAD	B.W.M. STRENGTH
	PATTERN	LENGTH	COLOR	MATERIAL OF EMPLOYMENT				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)

(1) Name of the Manufacturer & Supplier: GARWARE TECHNICAL FIBRES LTD. (M.L.D.C. CHINCHWAD, PUNE)

(2) Address of the Manufacturer & Supplier: PLOT NO. 11, BLOCK D-1, M.D.C. CHINCHWAD, PUNE-411 019

(3) Name & Address of the Firm Making the Test and Examination: HIGH TECH CONSULTANCY At Ring Office No. 511, 3rd Floor, at Green View, Akash Pune-411001

(4) Name & Address of the Firm: The above material is tested in Proof Load and Safety Factor (K) BRAND: GARSAFE PRO

I, P. N. KUMAR Certify that on _____ I thoroughly examined the above mentioned Slings Machine, Chains/Ropes/Lifting Tackles, Lifts & Hoists & Adjacent Slings (as the above is a correct report of the test).

Signature: _____ Counter Signature: _____

Qualification: B.Tech (Mech), MBA, IIT, Chartered Engineer, Competent Person

C.A.C. No. _____
Registration/Authority Number of the Competent Person _____

Date: _____

DO'S & DON'TS FOR SAFE USE OF LIFTING SLING

- Use only identified slings.
- Never use a cut or damaged sling.
- Never make knots in a sling.
- Never drag a sling from underneath a load that is resting on it.
- Never use a sling with a load with unprotected sharp edges.
- Always ensure that lifting hooks or devices have smooth edges that will not damage the eyes of the slings.
- If slings are to be used in chemically abnormal atmosphere or in constant high temperature then seek confirmation or advice before use.
- Do not store slings under ultraviolet lights OR direct Sunlight OR near direct heat.
- Always observe the certified capacity of a sling.
- Always inspect a sling before use.
- When inspecting slings examine the full length for chafe/cuts/seam damage.
- Do not use directly on abrasive surfaces. Use protective sleeves.
- Any slings with cuts at the edge or damaged at stitched seams must be taken out of service immediately.
- Do not pull the Sling from underload when the load is resting on it.
- Do not stand under and stand clear of the suspended load.
- Do not put any part of the human body between the Sling & the Load or between the sling & the hooks.
- Slings should be used between the temperature -40°C to 100°C.
- Do not use the sling unless a proper training is provided for handling, usage & maintenance.

GARWARE TECHNICAL FIBRES LTD.
(Formerly Garware-Wall Ropes Ltd.)
Registered Office: Plot No. 11, Block D-1, M.L.D.C., Chinchwad, Pune - 411 019. T + 91 20 30780000/0306
E pune_admin@garwarefibres.com www.garwarefibres.com CIN : 25209MH1976PLC018939

100% Guaranteed B.S. Certificate

This is to certify that the Webbing Sling manufactured by GTFL adheres to Breaking Strength requirement as per the defined Safety Factor of the Sling

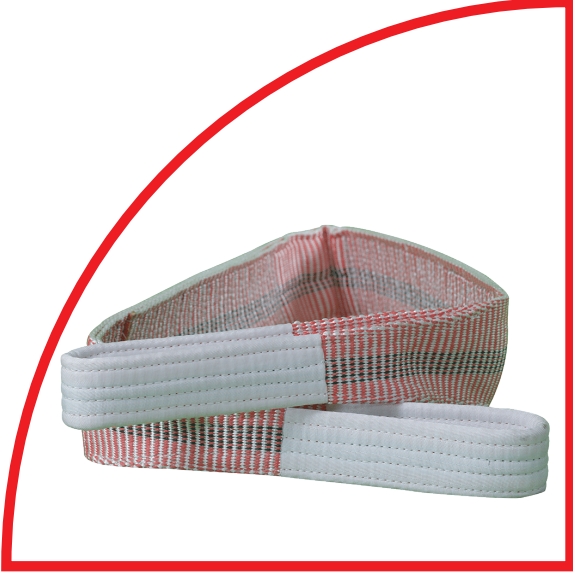
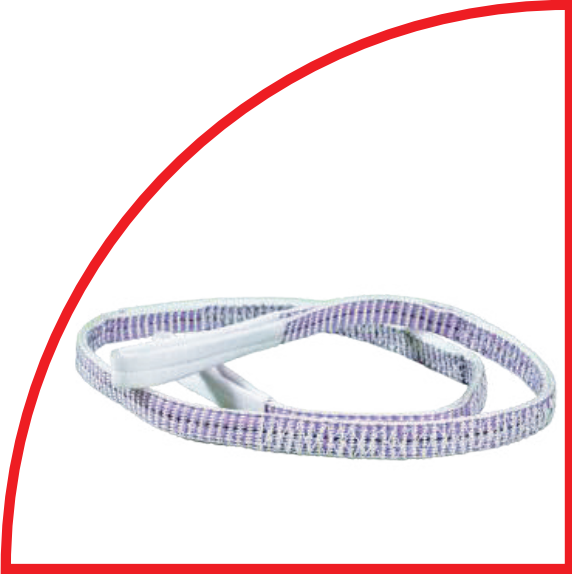
The slings provide **100% Guaranteed Breaking Strength** with respect to SWL & safety factor of the subjected sling.

100% GUARANTEED BREAKING STRENGTH

for GARWARE TECHNICAL FIBRES LTD.

INCHARGE - QUALITY ASSURANCE

OUR SLINGS





ADVANTAGES OF GARSAFE PRO LIFTING SLINGS

 **Guaranteed breaking strength**

 **Better abrasion resistance**

 **Better cut resistance**

 **Better gripping**



GARSAFE PRO LIFTING SLINGS : Safety Factor 5:1

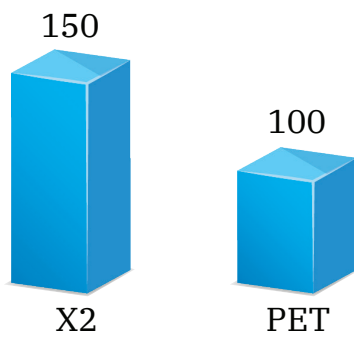
SWL in MT	Width (mm)	Minimum Breaking Strength kgs	Color code
1	25	5000	Violet
2	50	10000	Green
3	75	15000	Yellow
4	100	20000	Grey
5	125	25000	Red
6	150	30000	Brown
8	200	40000	Blue
10	250	50000	Orange
12	300	60000	Orange
16	200	80000	Blue
20	250	100000	Orange





Cut / Abrasion Resistance

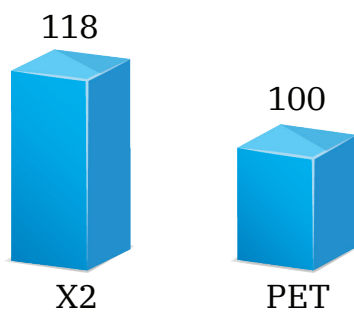
■ Cut resistance



Garsafe slings provide 50% more cut / abrasion resistance

Coefficient of Friction

■ Coefficient of friction



Garsafe slings provide 18% more coefficient of friction





Garsafe Pro Multiply Webbing Slings Safety Factor 5:1

To accommodate lower width higher SWL capacity sling or small hook cranes - Customised application focused solution

- Guaranteed Breaking Strength
- Better Abrasion/Cut Resistance
- Better Gripping
- Value Delivery to Customer – MORE LIFTS

Specification of X2 Webbing sling for Lifting Application

Sr. No.	S.W.L. (MT)	Color Code	Ply	Width	WLL (Kgf)	Minimum Breaking Strength of sewn belt (5:1 Safety Factor)
				mm		Kgf
1	2	Violet	4	25	2000	10000
2	4	Green	4	50	4000	20000
3	6	Yellow	4	75	6000	30000
4	8	Grey	4	100	8000	40000
5	10	Red	4	125	10000	50000
6	12	Brown	4	150	12000	60000





Garsafe Ace Lifting Slings **safety factor 6:1**

- Guaranteed Breaking Strength
- Higher Safety Factor i.e. More safety to user
- Better Abrasion/Cut Resistance
- Better Gripping
- Value Delivery to Customer – MORE LIFTS
- Certification as per BIS standard IS 18118 : 2023

Specification of X2 Webbing sling for Lifting Application

Sr. No.	S.W.L. (MT)	Color Code	Ply	Width	WLL (Kgs)	Minimum Breaking Strength of sewn belt (6:1 Safety Factor)
				mm		Kgs
1	1	Violet	2	25	1000	6000
2	2	Green	2	50	2000	12000
3	3	Yellow	2	75	3000	18000
4	5	Red	2	125	5000	30000
5	8	Blue	2	200	8000	48000
6	10	Orange	2	250	10000	60000



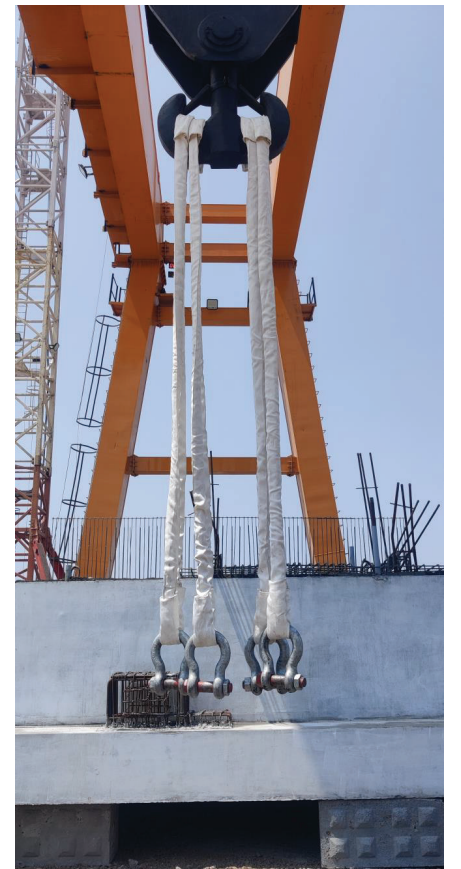
Garsafe Duro Sleeve - Cut Resistant



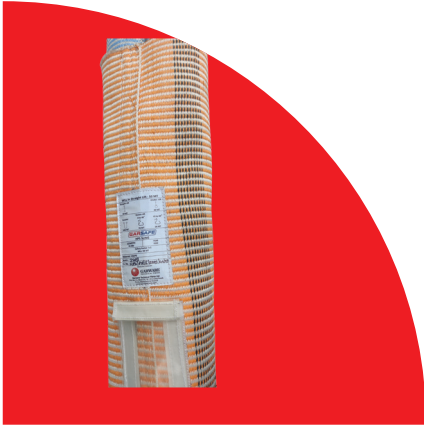
Sling protecting sleeves – Anti-cutting sleeves for sharp edges

Garsafe HPF Anti-cut sleeve made from high Modulus fibres

- ✓ Extremely cut resistant
- ✓ Flexible - Easy to Use and Bend (*unlike PU sleeves*)

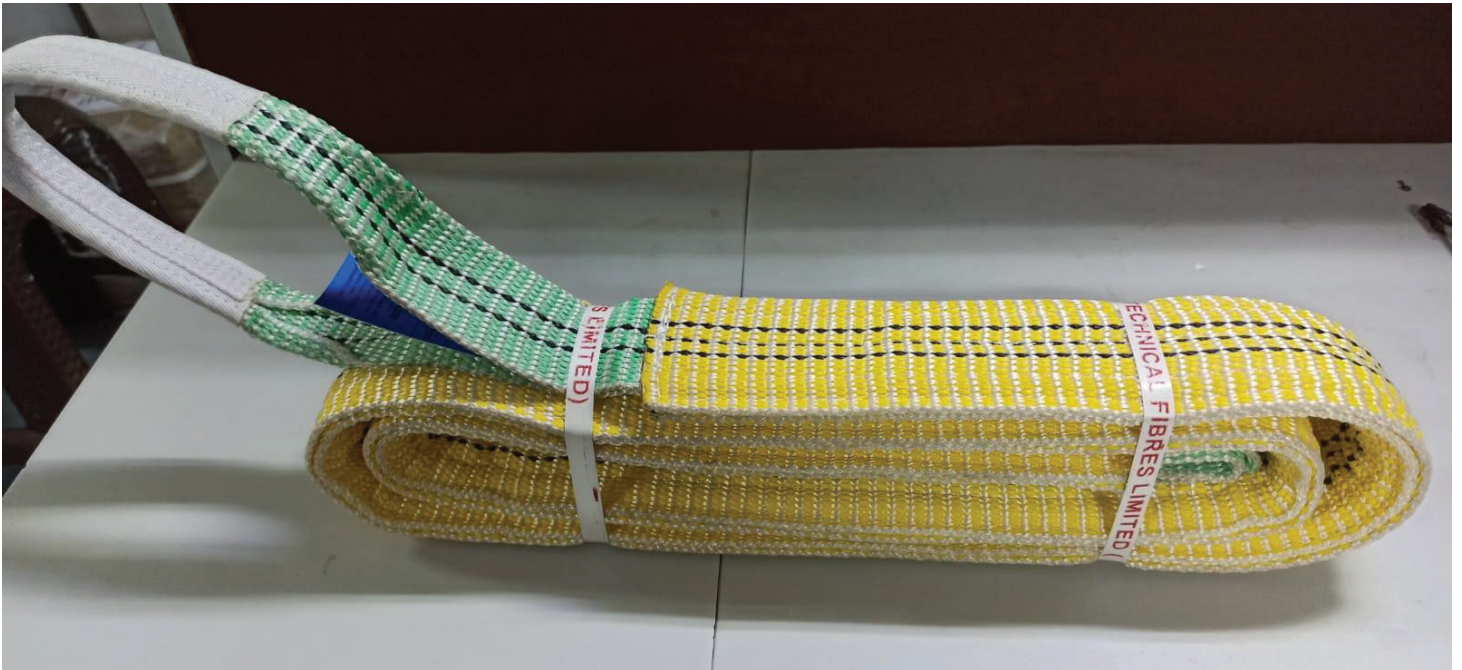
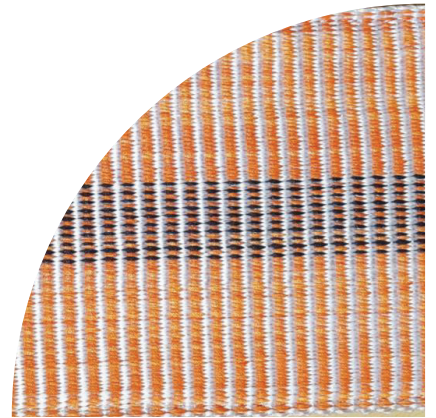


Garsafe Secure Sleeve - Anti-Abrasive



- Sling protective anti abrasive cut resistant sleeves
- Available for complete range of 5:1 slings

- Better Abrasion Resistance
- Better Gripping
- ADDITIONAL PROTECTION TO THE SLINGS!
- Available in both Loose and Stitched form





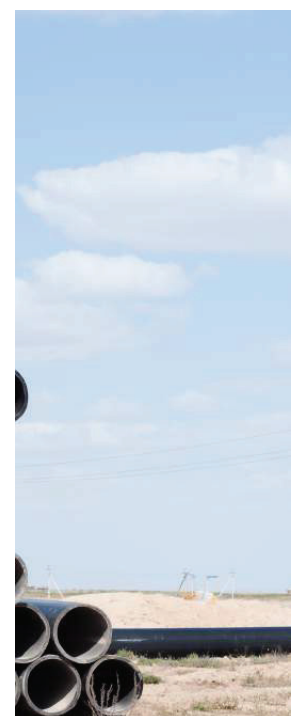
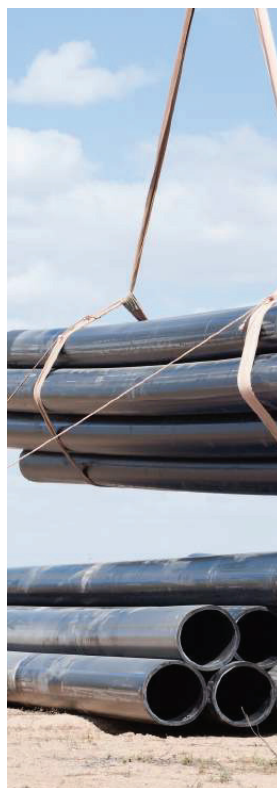
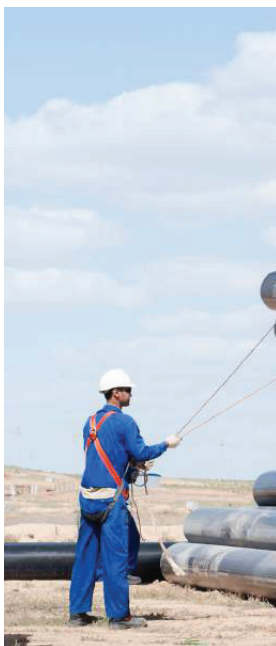
Garsafe Pro Round Slings

- Light weight and is easy to use
- Provided with Anti-abrasive protective covers
- Anti-cut sleeve options also available
- Value Delivery to Customer – MORE LIFTS
- Available in various SWLs in safety factor of 7:1 and 5:1



Additional products in Pipeline

- Garsafe Ace Plus Safety Factor 7:1





Lifting Slings



Head Office

Plot No. 11, Block D 1, M.I.D.C., Chinchwad, Pune - 411 019, Maharashtra, India.
Toll free (India): 1800 3000 5162 | Email: sales@garwarefibres.com | Website: www.garwarefibres.com

Our Regional Office

North Region

Garware Technical Fibres Ltd.
(Formerly Garware-Wall Ropes Ltd.)
Flat no. 801, New Delhi House, Barakhamba
Road, New Delhi 110001, India.
Tel.: +91 11 45659005

East Region

Garware Technical Fibres Ltd.
(Formerly Garware-Wall Ropes Ltd.)
“Chandrakunj”, 2H, No.3, Pretoria Street,
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Tel.: +91 3322827095

South Region

Garware Technical Fibres Ltd.
(Formerly Garware-Wall Ropes Ltd.)
No.442 Parsan, Manare Building Wing A,
7th Floor, Mount Road, Chennai-600002,
Anna Salai, India.
Tel.: +91 44 28241053

West Region

Garware Technical Fibres Ltd.
(Formerly Garware-Wall Ropes Ltd.)
39 S.K. Haffizuddin Marg Sankli Street,
Byculla (West) Mumbai-400008, India.
Tel.: +91 8422867261/62/63/64

