



Line work

Our line works are made by hand are distinguished by their high quality in their make up. The splicing works are made by our rigger, who has worked in this profession for many years and is always looking for ways to master more challenges. All line works are made individually and are ready to be delivered to you in a very short period of time.



Splice:

The break-proof, durable connection of fibre and wire work through braiding of the single strands.

We offer:

- Expert advice
- The best craftsmanship
- Eye splices, long splices, short splices and end splices
- Stable rope connections – individual splicing for ships, yachts and motorboats
- Splicing of all kinds – from little hand splicing to decorative knots, individual specialised productions

Please fill in the following data sheets and send them back to us. We will be happy to send you an offer immediately.

DATASHEET

Rigging an splicing



Name:
Street:
Town/City:
Phone:
E-mail:

Notes:

Date:
Signature:

Please specify your desired dimensions below in the space provided

Eye splice

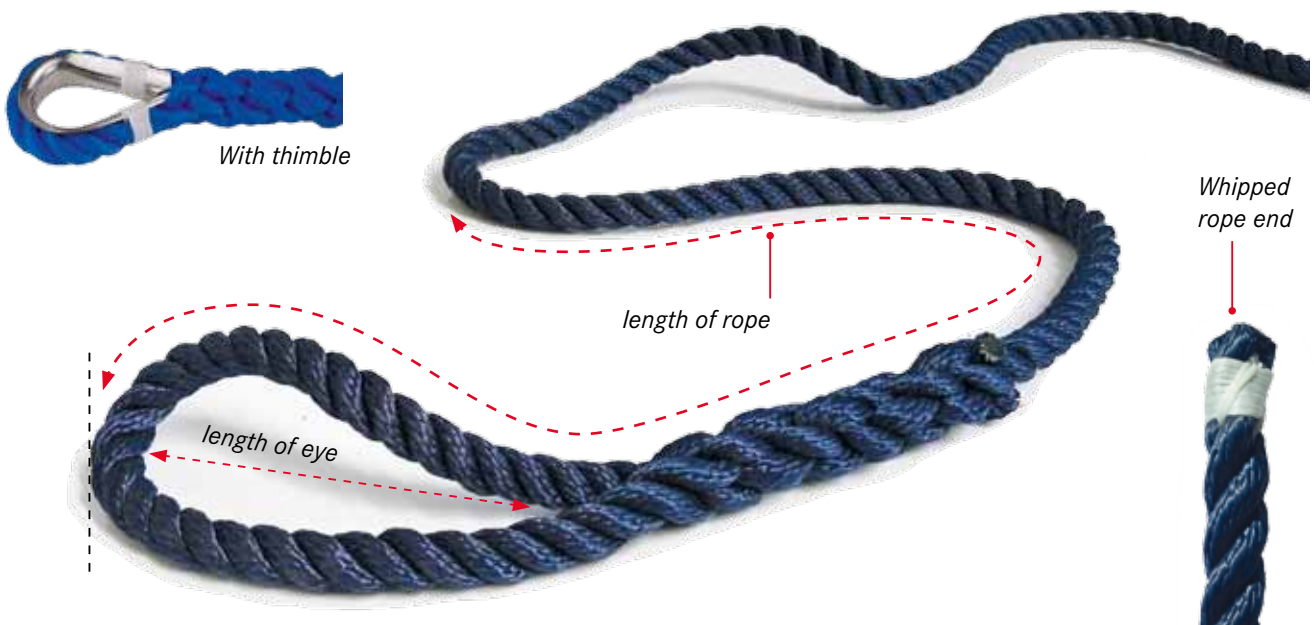
Splice: A line that has been expertly spliced holds twice the load compared to the original rope.

Eye splice:

Eye splice for twisted, 3-stranded lines. Very suitable for dock and spring, anchor, safety lines etc.

Suitable for all offered Types of ropes.

Also available with stainless steel thimble.



Rope Type / colour:			
Rope-Ø (in cm):	:		
Length of rope (in cm):			
Length of the eye (in cm):	Stainless steel thimble:	Yes	No
Quantity:			

All splicing work is neatly finished and the ends are heat set and whipped.

DATASHEET

Rigging an splicing

Two different line diameters and/or line types can be spliced together according to your individual needs. For example, you can splice together the high quality Dyna-One-Line with the reasonably priced Tasmania or Gemini-X.

Note: Not suitable for CUP ropes. The maximum difference between the rope Ø is 4 mm!

Joining splice



Rope Type 1 / colour:		Rope Type 2 / color:	
Rope-Ø (in cm):	Rope 1:	Rope 2:	
Length of rope (in cm):	Rope 1:	Rope 2:	
Quantity:			

All splicing work is neatly finished and the ends are heat set and whipped.



Wire to rope splice

Custom made wire-to-rope connections. We recommend following combination:
Nirowire 7 x 19 - Line TASMANIA or RACE XP.
Note: Not for CUP, SQUARE and 3-strand ropes.



Rope Type / colour:
Rope-Ø / Length (in cm):
Nirowire-Ø / Length (in cm):
Quantity:

Custom made infinity line. Such joining splices are used in EASYMATIC main sheet systems, running lines in jibs or in the mast, for example.

Note: CUP rope is not suitable for a continuous rope

Joining splice

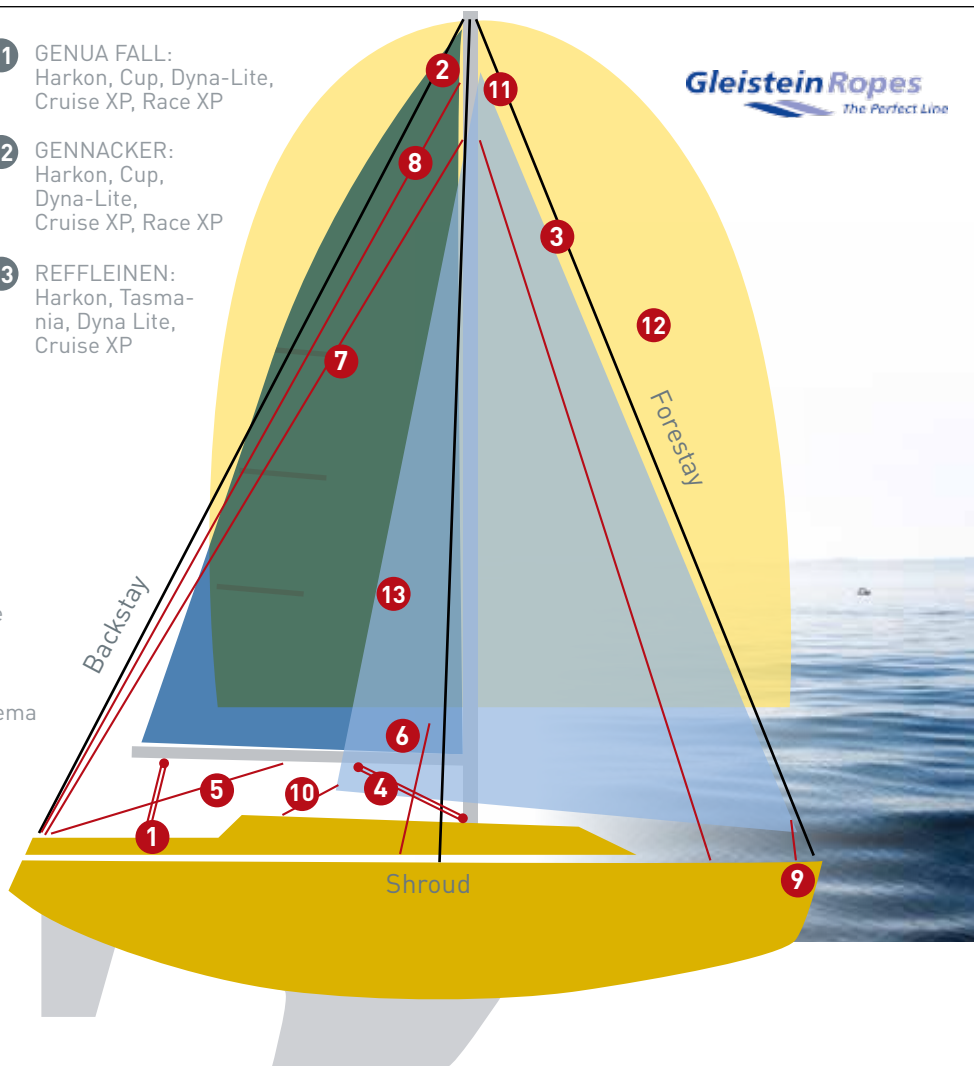


Rope Type / colour:
Rope-Ø (in cm):
Desired length of the line (in cm):
Quantity:

DATASHEET

Rope overview

- 1** GROßSCHOT:
Gemini X, Gemini X Sport, Cruise XP, Race XP, Standard, Tasmania, Harkon
- 2** GROßFALL:
Harkon, Dyna-Lite, Cup, Cruise XP, Race XP
- 3** FOCKFALL:
Harkon, Cup, Dyna-Lite, Cruise XP, Race XP
- 4** BAUMNIEDERHOLER:
Tasmania, CUP, Cruise XP, Race XP, Dyna-Lite
- 5** SPI-SCHOT:
Gemini X, Gemini X Sport, Dyna Lite, Cruise XP
- 6** CUNNINGHAM:
Megatwin Dyneema, Cruise XP, Race XP, Dyna-Lite
- 7** BACKSTAG:
Dyna-One, Megatwin Dyneema
- 8** ACHTERSTAG:
Dyna-One, Megatwin Dyneema
- 9** LEINE F. FOCKROLLER:
Dyna-Lite, Cruise XP
- 10** GENUA SCHOT:
Gemini X, Gemini X Sport, Cruise XP, Race XP, Standard, Tasmania, Harkon
- 11** GENUA FALL:
Harkon, Cup, Dyna-Lite, Cruise XP, Race XP
- 12** GENNACKER:
Harkon, Cup, Dyna-Lite, Cruise XP, Race XP
- 13** REFFLEINEN:
Harkon, Tasmania, Dyna Lite, Cruise XP



Glestein Ropes
The Perfect Line

Halyard and Sheet Rope

Both uses have the same demands on the raw materials: They must offer high strength and a long service life. The

most popular choice in a wide range of products are the proven polyester lines with their all-round properties. In the

top class, modern high molecular fibres impress with their technical superiority. All DYNEEMA rope types belong to the

range of these so-called high modulus fibres.

Halyard & Sheet lines – what sheet or halyard diameter for what sail size / m²

m ² Surface	Cruise XP	Dyna One	Dyneema	Dyna Lite	Cup	Gemini X	Tasmania	Harkon	Standard	Draht 7x19
10 m ²	5	4	5	6	8	6	8	8	8	3
20 m ²	6	4	6	8	10	8	10	10	10	3
30 m ²	8	4	8	10	12	10	12	12	12	4
40 m ²	10	4	10	12	12	12	12	12	14	4
50 m ²	12	5	12	12	14	12	14	14	16	5
60 m ²	12	5	12	14	14	14	14	14	16	5
70 m ²	14	6	14	14	14	14	16	16		6
80 m ²	14	8	14	16	16	14	16	16		7
90 m ²	16	8	16	16		16	18			8

Dock lines, Towing- and Anchorlines

These lines have to deal with increasingly heavy loads, thus there are high demands on the stiffness and elasticity

of the lines. If force is applied directly, lines will tear sooner or the fittings will burst. The desired elasticity is achieved

through selection of the right materials and the proper workmanship. Low expanding polyester is very suitable for

making dock line and anchor lines.

Rope diameter for mooring line, spring, anchor & tow line

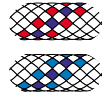
Boat length	Polyester	Bavaria	Polyamid	GeoSquare	Hempex	Dockflex
6 m	10 mm	8 mm	8 mm	8 mm	14 mm	10 mm
8 m	12 mm	10 mm	10 mm	10 mm	16 mm	12 mm
10 m	14 mm	12 mm	12 mm	12 mm	20 mm	14 mm
12 m	16 mm	14 mm	14 mm	14 mm	22 mm	16 mm
14 m	18 mm	16 mm	16 mm	16 mm	26 mm	18 mm
16 m	22 mm	18 mm	18 mm	18 mm	28 mm	22 mm
18 m	24 mm	18 mm	20 mm	18 mm	28 mm	24 mm
20 m	26 mm	20 mm	22 mm	20 mm	32 mm	26 mm
22 m	28 mm	20 mm	26 mm	20 mm	32 mm	28 mm

DATASHEET

Rope overview

Gfösteimöppars
Gefenby, Ltd.

Harkon



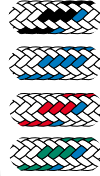
HARKON - Heavy-duty Rope

High-quality rope for cruisers. This construction enables the core and cover to share the load. Extremely abrasion-resistant cover braid. Recommended as main sheet for cruisers.

- double braid with precisely matched designs of core and cover
- excellent abrasion resistance
- good handling and long-life
- optimized as a sheet for use with winches
- excellent value for money
- Available in Ø 6 - 12 mm

Gfösteimöppars
Gefenby, Ltd.

Cup



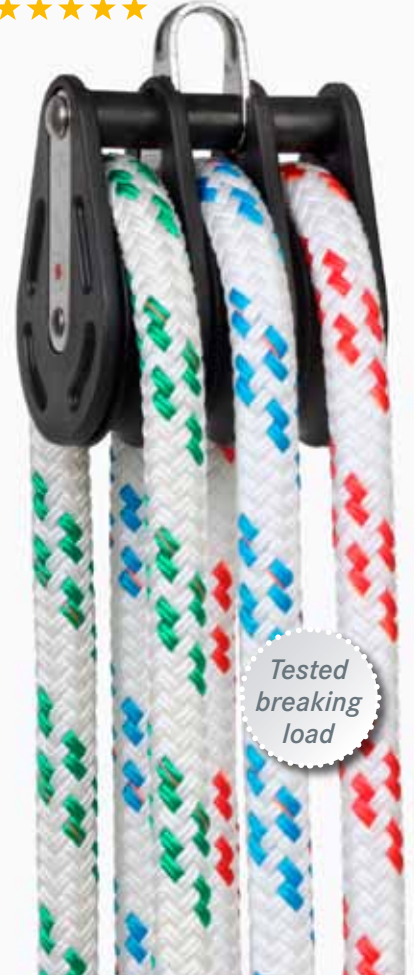
CUP - The Classic Rope

Proven for decades - High-performance halyard/sheet for cruisers. Due to its unique construction, the CUP provides polyester at its best: highest strength and very low stretch combined with a very low price.

- Very long life, no creep
- Dense, strong rope e.g. for halyards and reefing lines
- Ideally suited for lever clamps
- Minimum elongation thanks to parallel core
- Available in Ø 4 - 14 mm

Gfösteimöppars
Gefenby, Ltd.

Gemini X



Tested
breaking
load



GEMINI X - The Best of Tradition

High-performance halyard/sheet for cruising. With this proven double braid construction GEMINI X shows very good resistance to abrasion and UVs

- GEMINI X double braid. Core and cover are evenly loaded
- unique flexibility with best handling and long-life
- multipurpose line for sheet, vang, trim control line etc.
- can be used as high performance mooring line on large boats as well
- Available in Ø 6 - 20 mm

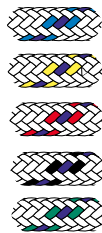


Yacht 2/03

"The breaking load of the line is even above the manufacturers declaration. Even in the chafing test, it was better than all other candidates."

Gfösteimöppars
Gefenby, Ltd.

Tasmania



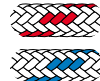
TASMANIA - Flexible and Safe

High-quality rope for cruisers. Made of high-strength polyester double braid. Flexible cover for improved handling. TASMANIA is known for a very good overall performance.

- double braid with precisely matching construction of core and cover
- unique flexibility and best handling
- very long-life
- usable as sheet and all purpose rope
- excellent value for money
- Available in Ø 6 - 14 mm

Gfösteimöppars
Gefenby, Ltd.

Standard



STANDARD - Alles im Griff

High-quality rope, very popular on dinghies. STANDARD is a high-quality, polyester sheet with polyester discontinued fiber cover. The comfortable „woolly“ surface makes it very comfortable in hands.

- core made of polyester, high-strength with a soft cover of discontinued fiber
- STANDARD sheet is particularly comfortable in hands
- high flexibility and good abrasion resistance resulting in a long-life
- usable on winches by light winds
- Available in Ø 6 - 12 mm

DATASHEET

Rope overview

CRUISE XP - The Allrounder

High performance rope for sheets and halyards. Exclusively sold at SVB! Double braid construction with **Dyneema®** core and polyester cover. Excellent strength, minimal elongation and extreme durability: The all-rounder with top performance. Cruise XP an uncompromising line for halyards

and sheets made for cruising and racing sailors. A fiber core made of Dyneema® provides excellent breaking loads with minimum stretch. This core takes on the load while the cover made of high-strength polyester fibers provides stability and protects the valuable core from damage. Suitable for all halyard stoppers, cleats and Self-tailing winches.



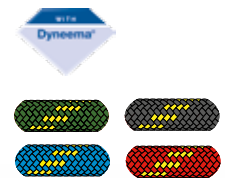
Exclusively for SVB!



„The CRUISE XP produced by Gleistein and sold by SVB scored the best points.“
(Yacht issue 12/17)

Cruise XP

- Easy-to-split double braided Dyneema® core
- Also suitable for small roller diameter
- Universal rope for halyards and sheets, spinnaker guys and downhauls, furling lines and boom preventers
- Available line diameters: 8 - 12 mm



Dyna-One



DYNA ONE - Superior class

This world-class rope is a very good choice for racing. It provides the strength of a wire rope with only one-eighth of the mass. DYNA ONE combines the extreme properties of the **Dyneema® fiber SK78** with a unique design.

- DYNA ONE requires fittings and winches that can manage extreme forces
- Ideal for running backstays
- Available line diameters: 4 - 12 mm

Attention: Not suitable as a sheet – or in combination with double braid ropes!



Dyna-Lite



DYNA LITE - High-performance Sheet/ Halyard

High-performance, multi-filament braid, that consists of a 12-strand **Dyneema® SK78** core and a multi-filament reinforced polyester cover. Optimum use as high-performance sheet /halyard for many applications. DYNA LITE has a unique cost/performance ratio with the benefits of a wire rope-like low stretch and an excellent strength.

- 12-plait Dyneema core
- intermediate cover made of staple fibers
- high-performance sheet /halyard for many applications
- Available in Ø 6 - 14 mm



Mega Twin Dyneema



MEGA TWIN DYNEEMA - powerful and universal

The connection of the **Dyneema® core SK78** and the tight double covering construction offers maximum stiffness and minimal expansion, meanwhile maintaining its form and very little friction.

- Stiffness and stretching similar to wire cable
- Check fittings for sufficient strength
- The middle cover out of sequential fibers,

connects the Dyneema core with the second covering through friction

- Suitable as stoppers
- Universal line: downhaul, topping lift and Cunningham
- Available in Ø 6 - 16 mm

DATASHEET

Rope overview

Gemini X Sport

GEMINI X SPORT - Mottled

High-performance halyard/sheet for cruising. Its mottled design provides excellent resistance against abrasion and UV rays.

- GEMINI X double braid. Core and cover are evenly loaded
- Unique flexibility with great handling and a long service-life
- Multi-purpose line for sheet, vang, trim control line etc.
- Can be used as a high-performance mooring line on large boats as well
- Available in Ø 6 - 14 mm



Universal line with unique flexibility and durability



Halyard / Sheet Rope



Race XP

RACE XP - Universal Lines

Power made-to-measure: Affordable universal ropes with extremely high strength and durability. Its 12-strand braid core, made out of Dyneema® fibers ensures high breaking loads with minimum elongation, while the 24 or 32-braid, abrasion-resistant shell protects the core from damage. Also suitable for conventional fittings as well.

- Intermediate cover made out of polyester staple fiber
- Excellent performance in lever clamps
- Attractive design
- Universal rope for halyards, sheet ropes, downhalls and afterguys
- Unbeatable price to performance ratio
- Available in Ø - 14 mm



DATASHEET

Rope overview



GeoSQUARE - Square plated Mooring Line
One of the finest mooring lines. Square plated mooring line made of HT polyester. Almost indestructible and excellently suited as anchor warp.

- thermally stabilized for higher service life and improved handling.
- polyester fibres combine best abrasion resistance with outstanding UV stability
- remains flexible throughout its usable life
- square-plaited ropes cannot kink
- highly suitable as mooring line, towing spring or anchor warp
- Available in Ø 12 - 18 mm



LIROS - HANDY ELASTIC
Highly elastic special fabric! This mooring rope was designed specifically for turbulent, low protected marinas with heavy swells, tides or close passing of commercial shipping. Handy Elastic absorbs heavy jerking, comparable to woven rubber dampers. Hochelastisches geflochtenes Spezialgeflecht.

- highly elastic special fiber in double braid construction
- absolutely non-kinking and with a good grip
- manufactured of Polyamid, high-strength
- ideally suited as mooring, anchor or spring line
- tear and abrasion resistant
- easy to splice, even for non experts
- Available in Ø 8 - 20 mm



GeoPROP - Mooring Line
The light-weight! This floating line is ideal for use as a tow line. 3-strand twisted version made of polypropylene. Available in different rope diameters and colors.

- thanks to the flotability it stays clear of the propeller
- optimum use as dock line, tow line or spring line
- stays flexible throughout its service life
- Available in Ø 8 - 20 mm



HEMPEX - for Traditional Sailing
Tradition with modern technology - for the equipment of traditional ships, the Gleistein Hempex offers the right appearance, grip and behavior of hemp ropes combined with all the advantages of a modern synthetic fiber.

- 16-strand braided rope of polypropylene discontinued fibers, hemp-like
- low elongation allows use as halyard or sheet on traditional boats
- high breaking loads compared with natural hemp rope
- very good UV resistance
- Available in Ø 8 - 12 mm



HEMPEX - Tradition for the Future
Tradition for the future. For the fitting-out of traditional vessels, HEMPEX has the appearance, handling and behavior of manila ropes, combined with the advantages of modern, synthetic fibre.

- 3-strand twisted rope made of discontinued polypropylen, hemp-like look
- suitable as mooring line. Low elongation allows to use as halyard or sheet
- Floatable and lightweight rope
- can also be used as handrails and for stair-rails
- Available in Ø 10 - 16 mm

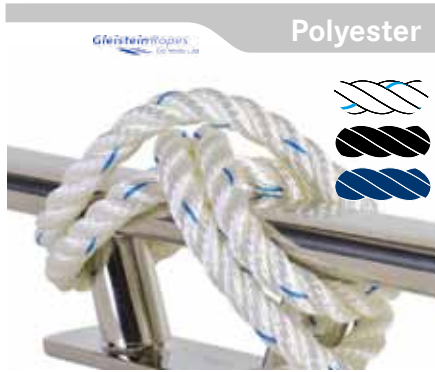


DOCK-TWIN - Festmacher

- Very good resistance to abrasion, UV and weather.
- Mooring line, spring rope and tow line.
- Available in white, light grey or navy blue.
- Available in Ø 10 - 18 mm

DATASHEET

Rope overview / Wire



Polyester

POLYESTER - Three-Strand mooring

The power pack for long durability. Heavy-duty dock line with a unmatched abrasion resistance, durability and waterproof for use in harsh conditions. Ideal suitable as anchor lines, due to its heavy weight. Outstanding quality.

- 3-strand twisted construction
- polyester fibre with good abrasion resistance and UV stability
- ideal as a mooring, spring or anchor line
- the resistance to light of the black version particularly high
- Available in Ø 6 - 20 mm



Bavaria

BAVARIA - Best Handling

Mooring/Docking line with excellent handling and high performance. BAVARIA is the double-braided polyester mooring line, with particularly good handling, flexibility, weather and abrasion resistance.

- BAVARIA ensures easy handling.
- Excellent weather resistance.
- Always flexible, stays supple throughout its service life.
- Because of the high specific weight also an ideal anchor line.
- Tear-and abrasion resistant by high GEOGARD treatment.
- Available in Ø 8 - 18 mm



Dock-Flex

DOCK-FLEX - line - Mooring / Anchor / Tow line

Modern rope design combined with traditional ropemakers' expertise: The new Dock-Flex mooring line! It will feel at home in troubled ports with heavy swell. Innovative double braided construction using high-strength polyester. UV-beständiger Polyester-mantel mit hohem Abriebschutz

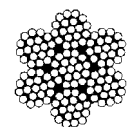
- UV-resistant polyester coating with excellent abrasion resistance
- perfect elongation and dampening characteristics
- easy-to-split double-braid construction
- flexible for a lifetime and without work-hardening
- special coating to minimize water absorption
- Available in Ø 10 - 18 mm



7 x 19 Wire Rope

BLUE WAVE - 7x19 Stainless Steel Wire Rope

Extra flexible stainless steel wire rope, ideal for halyards, downhauls, backstay purchase, etc.



Wire Rope
7 x 19



Wire to Rope Splice