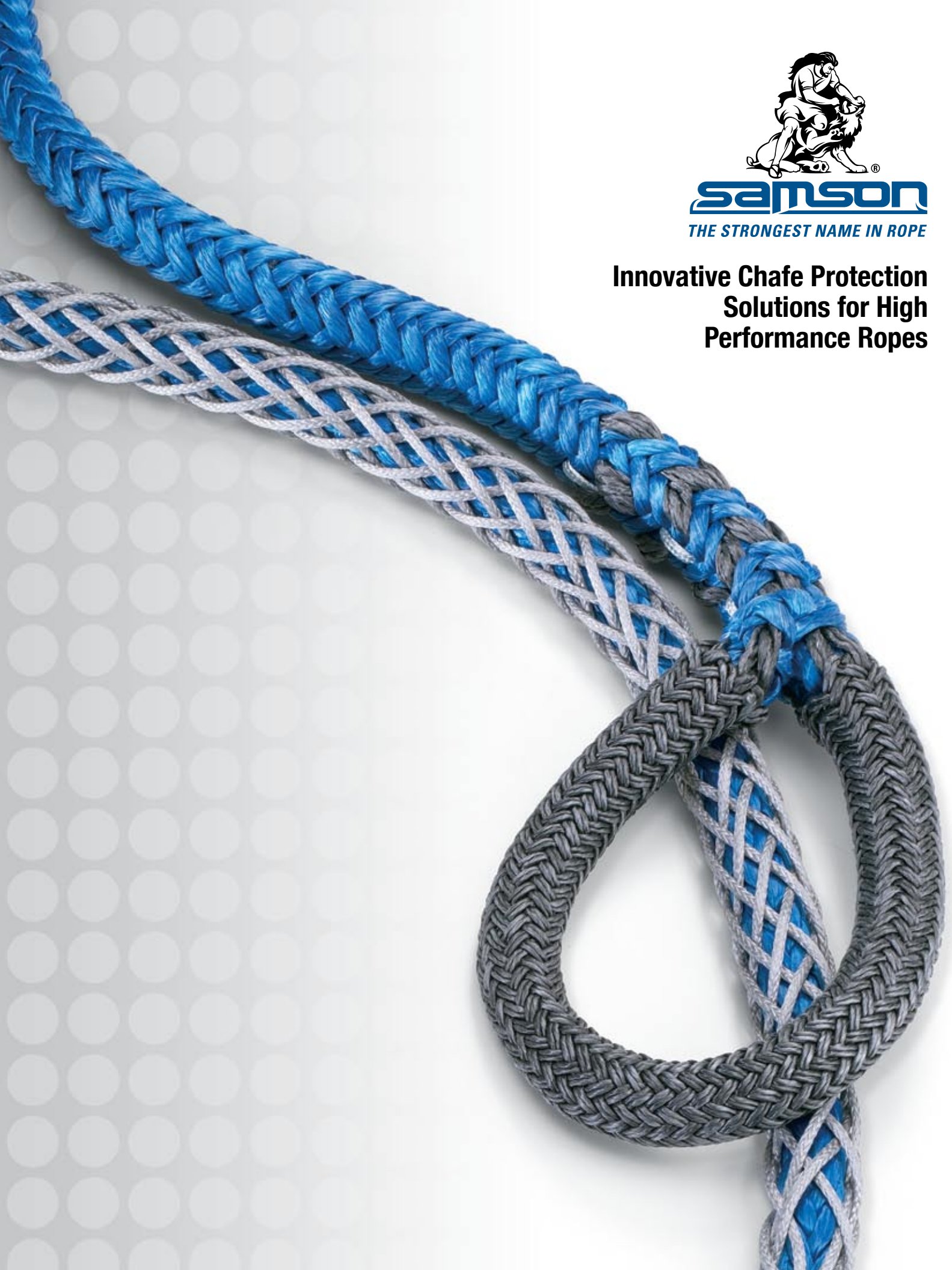




SAMSON
THE STRONGEST NAME IN ROPE

**Innovative Chafe Protection
Solutions for High
Performance Ropes**



SAMSON

Innovative Chafe Protection for High Performance Ropes

Samson high performance synthetic ropes have been engineered to provide ease of handling, extreme strength, and long service life. Dyneema® fiber, a major component in many of Samson's high performance ropes, is the most cut resistant fiber. While properly designed and engineered ropes take maximum advantage of this resistance, in the real world environment of the commercial marine industry, protecting ropes from abrasion and cutting significantly increases service life.



Protecting ropes from abrasion and cutting significantly increases service life.

Samson has committed substantial research and development resources to designing a line of products that maximizes the service life of our ropes. The result is a family of chafe protection products perfectly suited to combat the causes of cutting and abrasion encountered in offshore, mooring and tug operations.

Because each application has its own characteristic requirements, Samson has developed a full range of options to protect your investment and ensure the longest service life for your working ropes. All chafe options can be factory-installed on your ropes prior to shipment from our plants, or are available in bulk for field installation.

When replacing wire ropes with synthetics, it is important to prepare or repair the surfaces of deck equipment damaged by abrasion. Chocks, fairleads, bollards, bits or other hardware contacting the rope need to be smooth and free of rust to ensure your ropes' longest life. A Samson representative is available to visit your vessel to assess the hardware condition and advise on proper preparation to maximize the service life of your ropes. That's the Samson Advantage: high performance, reliable products, innovative engineering and the best customer service in the industry.



Wherever chafe can affect performance, Samson chafe protection solutions will ensure a safe and successful operation.

Samson has the most innovative chafe solutions to extend the life of your synthetic ropes.

CUT RESISTANT

- Fixed or adjustable for easy positioning
- Light weight / Floats
- Easy inspection without removing
- Excellent durability

AVAILABLE IN:

- Small** {fits 7/8" to 1-1/4" dia. rope}
- Medium** {fits 1-5/16" to 1-5/8" dia. rope}
- Large** {fits 1-3/4" to 3" dia. rope}
- Extra Large** {fits 3-1/4" to 4" dia. rope}

Selecting size for installing over splice*



Great choice for mooring and offshore applications. Field repairable, rope is easily inspected without removal.

*When installing over a splice area, add two sizes to your rope diameter and then select the appropriate Dynalene size.

Dynalene

 {PRODUCT CODE - 975}

Dynalene is a unique product that protects the strength member from abrasion, yet allows the rope to be easily inspected for both internal and external fiber wear. Braided from cut and abrasion resistant Dyneema® fiber, Dynalene is permanently spliced over the rope, and acts as a sacrificial cover protecting the rope from abrasion and wear in mooring and offshore applications.

Dynalene is fully repairable in the field, does not absorb water, and floats. It is easy to install anywhere on the rope.

Dynalene can be installed as a fixed or adjustable chafe solution.



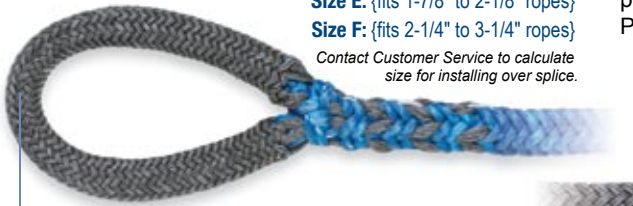
ABRASION RESISTANT

- Fixed or adjustable for easy positioning
- Light and flexible / Floats
- Can be removed for rope inspection
- Cut resistant
- Superior durability

AVAILABLE IN:

- Size C:** {fits 1" to 1-1/8" ropes}
- Size D:** {fits 1-1/4" to 1-3/4" ropes}
- Size E:** {fits 1-7/8" to 2-1/8" ropes}
- Size F:** {fits 2-1/4" to 3-1/4" ropes}

Contact Customer Service to calculate size for installing over splice.



DC Gard provides maximum protection for working ropes.

DC Gard

 {PRODUCT CODE - 706}

DC Gard is a tightly braided cover construction of Dyneema® fiber that is spliced onto the strength member to protect it from wear and abrasion in specific areas. Designed for use in applications like tug operations where frequent handling and use put a premium on rope protection and resistance to snagging, or vessels where frequent mooring operations are the norm, DC Gard provides maximum protection for working ropes. PATENT PENDING.

Can be removed for rope inspection, excellent choice for tug and mooring applications



- Fixed or adjustable for easy positioning
- Light and flexible / Floats
- Easily removed for rope inspection
- Cut resistant
- Superior durability

- Medium** {fits 1" to 1-1/4" ropes}
- Large** {fits 1-5/16" to 1-1/2" ropes}

DC Moor-Gard

 {PRODUCT CODE - 706}

With the same Dyneema® fiber cover construction as DC Gard, DC Moor-Gard is a tubular protectant from wear and abrasion. Standard length is 8' and the ends can be coated in either orange or blue urethane.



HEAT RESISTANT

- Fixed or adjustable for easy positioning
- Excellent heat resistance for high heat applications/environments
- Easy inspection without removing
- Excellent durability and cut resistance

AVAILABLE IN:

- Small** {fits 7/8" to 1-1/4" dia. rope}
- Medium** {fits 1-5/16" to 1-5/8" dia. rope}
- Large** {fits 1-3/4" to 3" dia. rope}
- Extra Large** {fits 3-1/4" to 4" dia. rope}

Selecting size for installing over splice*



Excellent protection that allows for easy inspection without removal.

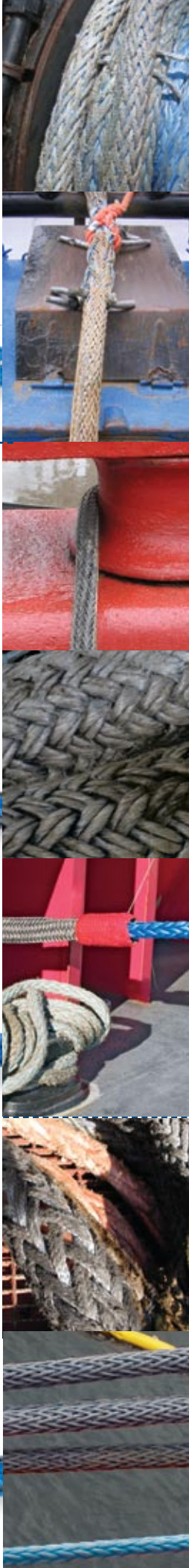
*When installing over a splice area, add two sizes to your rope diameter and then select the appropriate Dynalene size.

Technolene

 {PRODUCT CODE - 976}

Construction is similar to Dynalene, but the fiber composition is Technora®, an aramid fiber with very high heat resistance. Technolene should be specified where synthetic ropes are subject to both abrasion and high temperatures from reflected heat sources or friction.

Superior heat and abrasion resistance in high ambient heat applications.



SAMSON CHAFE PROTECTION GEAR

Inexpensive

Durable

**Able to adjust
or fix to rope**

SIZES:

A {fits 1-1/8" to 2" dia. rope}

B {fits 2" to 3" dia. rope}

IFH Chafe-Gard {PRODUCT CODE - 999601}

IFH (Inverted Fire Hose) Chafe-Gard protects your mooring lines from chock wear. Composed of a tubular braided polyester structure externally coated with a highly wear resistant rubberized compound. The polyester lining allows mooring lines to adjust under tension while the rubberized exterior's high coefficient of friction minimizes movement on the chock. Grommets at each end allow attachment of control lines. Each size comes in standard 8 feet lengths.

An inexpensive, durable choice that can be installed as a fixed or adjustable chafe solution.

**Great weight to
durability ratio**

Great abrasion resistance

**Easy to install and remove
for replacement
or rope inspection**

Won't absorb water - floats

Fits rope sizes:

1/2" to 3-1/4" diameter

Pro-Gard Eye Protector (Hook and Loop) {PRODUCT CODE - 973}

Pro-Gard is constructed of dual woven HMPE fiber fabric layers. The finer inner layer allows the rope to adjust to load, while the thicker outer layer is coated to provide a high coefficient of friction to minimize movement on the contact surface. Pro-Gard is easily installed in the field due to the unique hook and loop closure system. Pro-Gard is light weight, won't absorb water, and floats.



Pro-Gard is gusseted at the apex for a better fit.

Pro-Gard (Hook and Loop) {PRODUCT CODE - 974}

The hook and loop version of the Pro-Moor product allows the end-user to apply this chafe protector over the rope. Standard length is 10 feet, but is available up to 21 feet in length.

**Versatile: may be fixed
or adjustable**

**Strong high-density hook
and loop closures keep
sleeve on rope, but is fast
and easy to install/remove**

Fits rope sizes:

3/8" to 3-1/4" diameter

Pro-Moor {PRODUCT CODE - 977}

The Pro-Moor product has all of the features of the Pro-Gard product but since it is tubular, is generally installed on the product before it leaves the factory. Standard length is 2 meters.



Easy to install and remove for rope inspection or replacement.

**Durable
Inexpensive**

SIZES:

2" {fits 3/4" to 1-1/8" dia. rope}

3" {fits 1-1/4" to 1-1/2" dia. rope}

4" {fits 1-5/8" to 2-1/8" dia. rope}

5" {fits 2-1/4" to 2-5/8" dia. rope}

6" {fits 3" to 3-1/4" dia. rope}

Cordura® Chafe Protector {PRODUCT CODE - R6}

Cordura Chafe Protector is a woven product that is produced in a tube format. Cordura is 100% industrial nylon with twice the abrasion resistance of normal nylon and three times the abrasion resistance of polyester. This product is commonly added to the eyes of working lines and can be installed



Chafe Protector can be installed on rope as well as on eyes.

Dyneema® is a registered trademark of Royal DSM N.V.
Dyneema® is DSM's high performance polyethylene product.

For more information on the full line of Samson products, visit us at www.samsonrope.com, or contact Customer Service at +1 360.384.4669



samson
THE STRONGEST NAME IN ROPE