

SAMTHANE

Samthane coatings are a family of abrasion resistant coatings specifically formulated to match end-user requirements and specific rope constructions. The advantages of Samthane coatings and some of the common coatings are outlined below:

ADVANTAGES:

- Improved service life
- Reduced snagging
- Enhanced abrasion resistance
- Protection from contamination
- Reduced cutting damage
- Color coding for identification

SAMTHANE (TYPE A)

Samthane (Type A) is a spliceable coating used on polyester and nylon fiber ropes which greatly enhances abrasion resistance. It also makes splicing used rope much easier. Available in a variety of colors for easy identification; tracks time in service, keys colors to specific operations, etc. Splicing new and used rope is easily done by utilizing the same tools and techniques for splicing uncoated rope. Coating adds approximately 3% to 5% weight to the line.

SAMTHANE (TYPE F)

Samthane (Type F) is a spliceable coating specially formulated for coating high modulus fibers and olefin/polyester blend ropes. Physical properties are the same as for Type A coating. Coating adds approximately 3% to 5% weight to the line.

SAMTHANE COATING DESCRIPTIONS:

Property	Samthane A	Samthane F	Samthane C	Samthane S
Spliceable	Yes	Yes	No	Yes
Shore Hardness	N.A.	N.A.	80A – 90A	N.A.
Break Strength	400 psi	400 psi	4,100 psi	5,500 psi
Elongation at Break	440%	440%	450%	250%
100% Modulus	70 psi	70 psi	1,000 psi	3,150 psi
Type	Waterborne Polyurethane	Waterborne Polyurethane	2-part Polyurethane	Waterborne Polyurethane

SAMTHANE (TYPE C)

Samthane (Type C) is a non-spliceable jacket coating usually applied to specific sections of a line which will be subjected to extreme abrasion. The coating is very tough, with excellent resistance to cutting. It is usually applied to a thickness of 1/8" or more, which has a stiffening effect on the rope. This coating is applied to pre-spliced ropes and may also be used for thimble encapsulation.

SAMTHANE (TYPE S)

Samthane (Type S) is a spliceable coating used on high modulus fiber and polyester fiber ropes. This coating adds firmness and greatly improves wear life. The coating will add approximately 3% to 5% weight to the rope.

