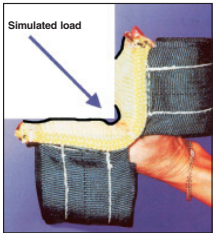


CORNERMAX™ Pads

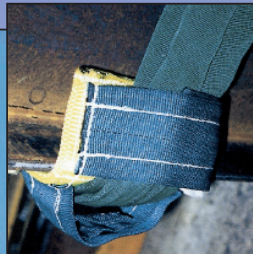
Patent Pending

Are you using the right **PROTECTION?**

Any material can be cut when exposed to enough pressure and an edge. This includes diamonds, the hardest substance known. The protection of slings used in overhead rigging to prevent cutting and premature failure is a subject that has enormous safety implications. It is imperative that only the very best means be used to keep slings from cutting by contact with an unprotected edge.



Exposure of a sling to load edges or corners requires a pad that is not susceptible to cutting because of toughness or zero contact. The CornerMax™ Pad forms a tunnel between the load edge and the pad. This geometric separation is essential in protecting the pad itself from contacting the load edge, which provides maximum protection to the sling.

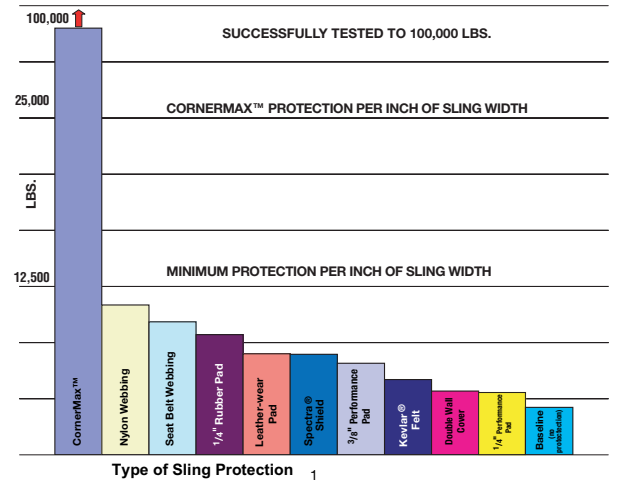


CornerMax™ Part No.	Sling Width (inches)	CornerMax™ Approx. Width (inches)	CornerMax™ Approx. Wt. (lbs)
CRNMX02	1 & 2	4	1.00
CRNMX03	3	5	1.25
CRNMX04	4	6	1.50
CRNMX05	5	8	2.00
CRNMX06	6	8	2.00
CRNMX08	8	10	2.50
CRNMX10	10	12	3.00

NOTE: All CornerMax™ Pads are approximately 9 inches in length unless otherwise specified.

Testing of all types of material on a steel edge shows that the best could withstand cutting only to 11,400 lbs. the CornerMax™ Pad changes the geometric shape of the load edge and actually prevents sling contact up to 25,000 lbs. per inch of sling width.

SUMMARY OF PAD TEST RESULTS



ABRASION AND CUT PROTECTION

Damage to synthetic slings from abrasion or cutting can be prevented if proper protection is provided on the job site. Common materials used to protect the sling from abrasion damage do not provide adequate protection from cutting. If a sling is exposed to an edge under pressure cutting may occur unless a proven method of protection is provided.

Testing has shown that nylon, polyester, rubber, aramid, and other commonly used pads may not keep synthetic slings from cutting when the sling is loaded to its rated capacity. These commonly used protective materials are great for preventing abrasion damage but when subjected to an edge they are susceptible to cutting.

A 1" wide double ply nylon web endless sling has a rated capacity of 12,200 lbs. in a basket hitch. Based on that statistic, the minimum requirement for protection from an edge should be 12,200 lbs. per inch of width. All of the common pads tested failed to reach this minimum requirement. Some synthetic slings made with K-Spec® core yarn can achieve rated capacities of 25,000 lbs. per inch of width. Based on these numbers, adequate security for a synthetic sling exposed to an edge requires a device with 25,000 lbs. of protection per inch of width.

The CornerMax® Pad was invented to provide cut protection to all types of synthetic slings. Testing to 100,000 lbs. with a 4" wide sling has proven the adequacy of this design for preventing sling damage. This device is made to protect slings from edge damage when lifting steel or concrete beams and other objects that would ordinarily harm synthetic slings.

The CornerMax® Pad is attached with straps made with hook & loop tape for easy adjustment. Weight is kept to a minimum because the pads are made from 100% synthetic materials.

If safety is an important consideration on your job site, CornerMax® Pads should be in every riggers tool box.