



# Sling Protection

Most synthetic sling accidents are caused by cutting. There are many kinds of protective sleeves and pads available, but only two synthetic protectors provide adequate cut protection: CornerMax® Pads and CornerMax® Sleeves. They have been engineered and tested to provide 25,000 lbs. of protection per inch of sling width (4464 kg per centimeter of sling width).

CornerMax® Pads are designed for 90° straight edges. CornerMax® Sleeves are for other edges – curved, rough, or irregular – and are the protection of choice for I-beams. For synthetic slings, the most critical decision is whether cut protection is needed.

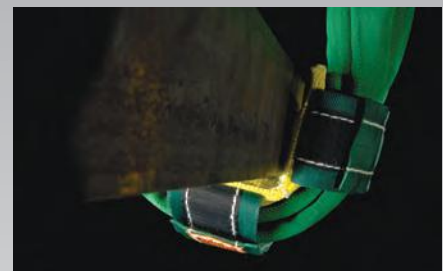
## Cut Protection - Engineered Softeners

Cornermax® Pads are shown in the right two photos. The pad creates a “tunnel” of cut protection which is known as the No Touch Zone. The corner of the load does not come in contact with the pad or the sling.

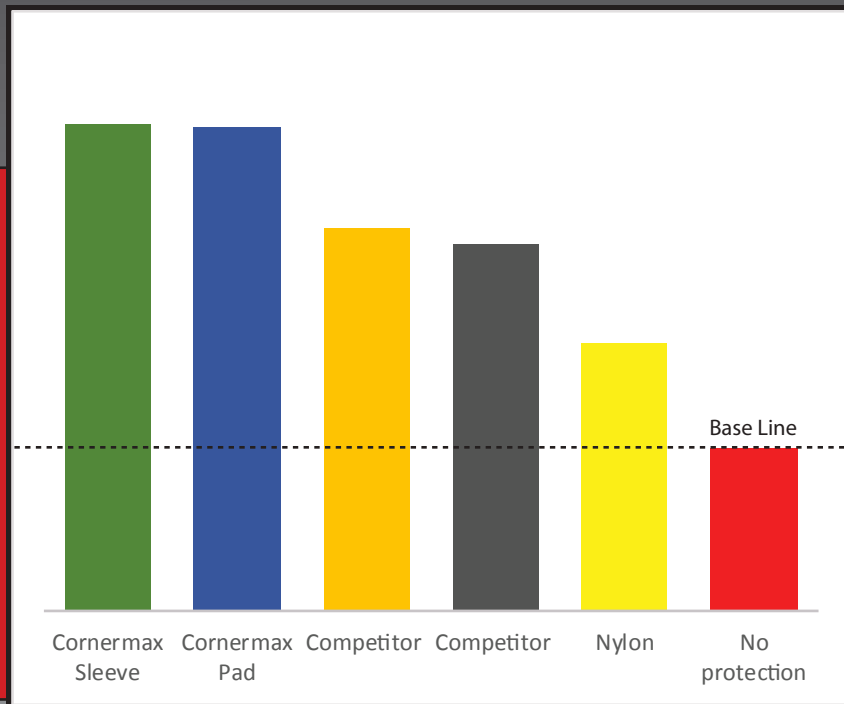
**NOTE:** The sides of the pad must be completely supported in order to create and maintain the “tunnel” or No Touch Zone.



Cornermax® Sleeves may look like traditional protection sleeves, but ours are made from tough high performance fiber that is specifically woven to provide cut protection for a variety of edges and surfaces. Most commonly used sleeve material cannot stop an edge from cutting the sleeve and or the sling.



**This chart shows the results of testing of the Cornermax® Sleeve and Pad compared to competing edge protection. In our tests the Cornermax® Sleeve and Pad exceeded all other types of cut protection. We back this up with a rating of 25,000 lbs per inch of width. The Cornermax® Sleeve and Pad allow synthetic roundslings to meet their working load limit with no damage to the sling or the protection.**



**Sometimes cut protection is not needed. We have a full line of engineered softeners that are excellent for abraision protection or for protecting a load surface. The Shackle Pin Pad is designed to prevent a synthetic sling from damage. When a sling is seated on the pin side of a shackle.**

