

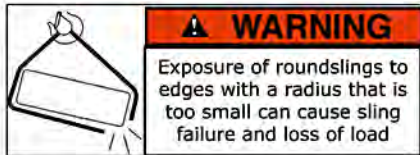
**USING TUFLEX ROUNDSLINGS**

**Protect Sling from Damage**

ALWAYS protect roundslings from being cut or damaged by corners, edges and protrusions using protection sufficient for each application.

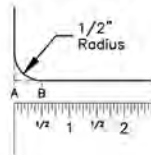
Do not ignore warning signs of misuse. Cut marks detected during any sling inspection serve as a clear signal that sling protection must be added or improved.

**Exposure of slings to edges**



Edges do not need to be “sharp” to cause failure of the sling. The following table shows the minimum allowable edge radii suitable for contact with unprotected roundslings. Chamfering or cutting off edges is not an acceptable substitute for fully rounding the edges to the minimum radius. Slings can also be damaged from contact with edges or burrs at the sling connection.

Measure the edge radius. The radius is equal to the distance between points A and B.



Minimum Edge Radii suitable for contact with unprotected polyester roundslings.

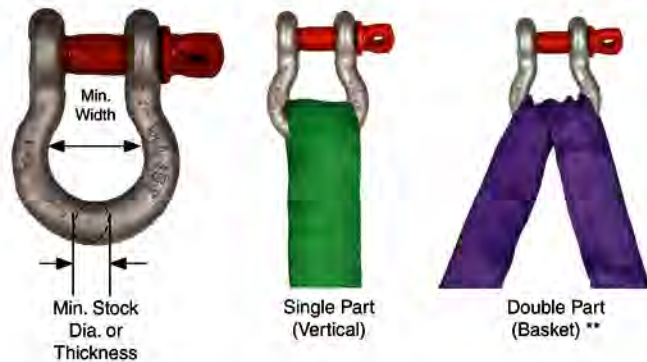
Vertical Rated Capacity (lbs.)	Minimum * Edge Radii (in.)	Sling Width At Load (in.)
EN30	3/16	1
EN60	1/4	1 3/8
EN90	5/16	1 3/4
EN120	5/16	1 7/8
EN150	3/8	2
EN180	7/16	2 1/8
EN240	7/16	2 5/8
EN360	1/2	3 1/4
EN600	11/16	4
EN800	3/4	4 5/8
EN1000	7/8	5 1/4

\* For further information on minimum edge radii, contact Lift-All or see WSTDA RS-1.

**Sling Hardware and Connections**

Connection surfaces must be smooth to avoid abrading or cutting roundslings. Roundslings can also be damaged or weakened by excessive compression between the sling and the connection points if the size of the attachment hardware or connection area is not large enough to avoid this damage. Select and use proper connection hardware that conforms to the size requirements listed for choker and vertical hitches, or for basket hitches in the charts below.

(Contact Lift-All, or see WSTDA RS-1 for information about how to calculate whether a smaller connection size is allowable when tension on a roundslings is less than its capacity)



Minimum hardware dimensions suitable for use with roundslings.

Tuflex Size	Single Part		Double Part	
	Min. Stock Dia. (In.)	Min. Width (In.)	Min. Stock Dia. (In.)	Min. Width (In.)
EN30	7/16	1	9/16	1 3/8
EN60	5/8	1 3/8	7/8	1 7/8
EN90	3/4	1 3/4	1 1/16	2 3/8
EN120	7/8	1 7/8	1 1/4	2 1/2
EN150	1	2	1 3/8	2 7/8
EN180	1 1/8	2 1/8	1 5/8	3
EN240	1 3/16	2 5/8	1 5/8	3 3/4
EN360	1 1/2	3 1/4	2	4 1/2
EN600	2	4	2 3/4	5 5/8
EN800	2 1/8	4 5/8	3	6 1/2
EN1000	2 1/2	5 1/4	3 1/2	7 3/8

\*\* For hardware connected to the body of Eye & Eye Tuflex, use the Double Part columns.

Tuflex