

EDGE DEFENDER™ Flat Type Cut Protection Pads (Code: ED)

US Patent 9,597,996
Canadian Patent 2,900,438

The *Edge Defender* product line is patented technology. Constructed with multiple layers of protection material with *Kevlar®* aramid binding, the *Edge Defender* has become the new standard in edge cut protection technology for guarding synthetic slings. Protect your loads and your slings now by using the *Lift-All Edge Defender!*



- **Cut Protection:** The patented technology creates a high level of compression on the surface to produce a superior level of cut protection.
- **Conforms to the Shape of Load Edges:** The flat design will conform to the load shape during handling operations, yet the construction is firm enough to prevent wrinkling.
- **Construction Materials:** *Edge Defender* is made of polyester with *Kevlar* aramid binding.
- **Ease of Attachment:** The use of hook and loop straps allow quick attachment and helps to hold position on slings.
- **Ease of Sling Inspection:** The open design allows easy access to slings during frequent inspections.
- **Available Sizes:** Available in a variety of lengths and widths.



Maximum Pad Widths and Standard Sling Sizes				Standard <i>Edge Defender</i> *				
Pad Width** (in.)	Web Sling Width (in.)	Tuflex® Size	¹ KeyFlex™ ¹ DynaFlex™ Size					
3	2	EN30	-	ED3X12IN	ED3X18IN	ED3X24IN	ED3X30IN	ED3X36IN
4	3	EN60	-	ED4X12IN	ED4X18IN	ED4X24IN	ED4X30IN	ED4X36IN
6	4	EN150	KEN20K	ED6X12IN	ED6X18IN	ED6X24IN	ED6X30IN	ED6X36IN
8	6	EN240	DEN50K	ED8X12IN	ED8X18IN	ED8X24IN	ED8X30IN	ED8X36IN
10	8	EN600	KEN90K	ED10X12IN	ED10X18IN	ED10X24IN	ED10X30IN	ED10X36IN
12	10	EN1000	DEN125K	ED12X12IN	ED12X18IN	ED12X24IN	ED12X30IN	ED12X36IN

¹Double-Leg EN, KEN, or DEN

**Kevlar®* is a registered trademark of E.I. du Pont de Nemours and Company

**Maximum recommended size is shown.

- General Information
- Web Slings
- Round Slings
- Sling Protection
- Wire Rope
- Chain Slings
- Rigging Hardware
- Mesh Slings
- Load Huggers
- Tow Products
- Lift-All Hoists
- Hoist Rings
- Plate Clamps
- Lifting Devices

Edge Defender™ Flex Plus Flat Style Cut Protection (Code: FQSD)

US Patent 9,597,996
Canadian Patent 2,900,438

Our new *Edge Defender Flex Plus* made of *Dyneema*® fiber is woven to provide cut protection for a variety of edges and surfaces. The 'Flex Plus' is the addition of a double-ply layer of *Dyneema* with *Kevlar*® aramid binding. These pads are thinner, lighter, and more flexible than the standard *Lift-All Edge Defender*, yet maintain the same level of cut protection performance. The *Edge Defender Flex Plus* is well suited for handling loads with a straight, curved or non-uniform shaped edge, including coil handling applications.



Features and Benefits

Lighter and More Flexible: The patented *Edge Defender Flex Plus* technology creates a high level of compression on the interior surface to produce a superior level of cut protection. With the use of high modulus *Dyneema* material, this lighter 'Flex Plus' version of the flat *Edge Defender* is almost twice as flexible and maintains the same high level cut protection performance.

Ease of Attachment: Hook and loop straps allow quick attachment and helps to keep position on slings.

Ease of Inspection: The open design allows easy access to slings during their frequent inspections.

Available Sizes: Available in a variety of lengths and widths.

Maximum Pad Widths and Standard Sling Sizes				<i>Edge Defender Flex Plus</i> Flat Quick Sleeves*				
Pad Width** (in.)	Web Sling Width (in.)	Tuflex®	¹ KeyFlex™ ¹ DynaFlex™	1-FT	18-INCH	2-FT	30-INCH	3-FT
3	2	EN30	-	3FQSDX1	3FQSDX18IN	3FQSDX2	3FQSDX30IN	3FQSDX3
6	4	EN150	KEN20K	6FQSDX1	6FQSDX18IN	6FQSDX2	6FQSDX30IN	6FQSDX3
9	6	EN240	KEN50K	9FQSDX1	9FQSDX18IN	9FQSDX2	9FQSDX30IN	9FQSDX3
10	8	EN600	KEN80K	10FQSDX1	10FQSDX18IN	10FQSDX2	10FQSDX30IN	10FQSDX3
12	10	EN1000	KEN120K	12FQSDX1	12FQSDX18IN	12FQSDX2	12FQSDX30IN	12FQSDX3

¹Double-Leg EN, KEN, or DEN

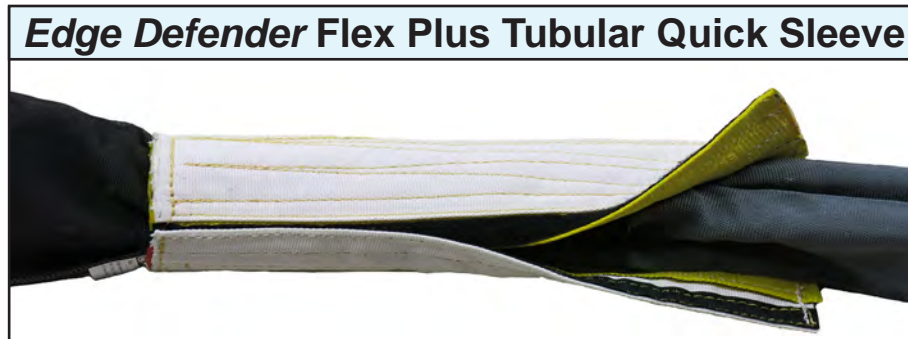
*Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company

**Maximum recommended size is shown.

Edge Defender™ Flex Plus Tubular Style Cut Protection (Code: TQSD)

US Patent 9,597,996
Canadian Patent 2,900,438

Our new *Edge Defender Flex Plus* made of *Dyneema*® fiber is woven to provide cut protection for a variety of edges and surfaces. The 'Flex Plus' is the addition of a double-ply layer of *Dyneema* with *Kevlar*® aramid binding. These pads are thinner, lighter, and more flexible than the standard *Lift-All Edge Defender*, yet maintain the same level of cut protection performance. The *Edge Defender Flex Plus* is well suited for handling loads with a straight, curved or non-uniform shaped edge, including coil handling applications.



Features and Benefits

Lighter and More Flexible: The patented *Edge Defender Flex Plus* technology creates a high level of compression on the interior surface to produce a superior level of cut protection. With the use of high modulus *Dyneema* material, this lighter Flex Plus version provides a wraparound style pad in a flexible design, while maintaining a high level of cut protection performance.

360° of Protection: The *Edge Defender Flex Plus* tubular style pad is well-suited for use with roundslings and affords uniform cut protection around the exterior of the sling body.

Ease of Attachment and Removal: Hook and loop fastening allows quick attachment and easy access for sling inspections.

Pad Positioning: When sized properly, this tubular pad will offer protection in the desired location on slings.

Available Sizes: Available in a variety of lengths and widths.

Standard Pad Widths and Maximum Sling Sizes						<i>Edge Defender Flex Plus</i> Tubular Quick Sleeves*				
Pad Width** (in.)	Web Sling Width (in.)	<i>Tuflex</i> ®		<i>KeyFlex</i> ™ <i>DynaFlex</i> ™		1-FT	18-INCH	2-FT	30-INCH	3-FT
		Single Leg EN	Double Leg EN	Single Leg KEN/DEN	Double Leg KEN/DEN					
4.5	1	-	-	-	-	4TQSDLX1	4TQSDLX18IN	4TQSDLX2	4TQSDLX30IN	4TQSDLX3
7	2	60	-	-	-	7TQSDX1	7TQSDX18IN	7TQSDX2	7TQSDX30IN	7TQSDX3
8	-	150	60	30K	-	8TQSDX1	8TQSDX18IN	8TQSDX2	8TQSDX30IN	8TQSDX3
10	-	240	120	50K	20K	10TQSDX1	10TQSDX18IN	10TQSDX2	10TQSDX30IN	10TQSDX3
13	4	360	180	80K	30K	13TQSDX1	13TQSDX18IN	13TQSDX2	13TQSDX30IN	13TQSDX3
16	-	1000	360	175K	80K	16TQSDX1	16TQSDX18IN	16TQSDX2	16TQSDX30IN	16TQSDX3
20	8	-	800	200K	125K	20TQSDX1	20TQSDX18IN	20TQSDX2	20TQSDX30IN	20TQSDX3
23	-	-	1000	-	175K	23TQSDX1	23TQSDX18IN	23TQSDX2	23TQSDX30IN	23TQSDX3
26	10	-	-	-	200K	26TQSDX1	26TQSDX18IN	26TQSDX2	26TQSDX30IN	26TQSDX3

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**Maximum recommended size is shown.