



Tri-Flex® Sling System



TRI-FLEX® SLING SYSTEM

US Patent #4,240,659

CN #1,082,755

British #2,029,796

This product is a combination of three Tri-Flex® Wire Rope slings wrapped together helically to form a nine part finished body sling. After a heavy lift is finished the product can be taken apart to form three individual Tri-Flex® slings for smaller lifting work. It has twelve parts of wire rope in the loop for greater strength than traditional nine part wire rope slings.



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This product is a combination of three Tri-Flex® Wire Rope slings wrapped together helically to form a nine part finished body sling. After a heavy lift is finished, the product can be taken apart to form three individual Tri-Flex® slings for smaller lifting work. This product was developed for construction projects where there are a few heavy lifts. A superior strength sling because it has twelve parts of wire rope in the loop for greater strength than traditional nine part wire rope slings that have only ten parts of wire rope in the loops.



WARNING

Follow OSHA, ANSI B30.9 and Manufacturers Guidelines. Can fail if damaged, misused or overloaded. Inspect before use. Use only if trained. Do not exceed rated capacity. Protect sling from contact with edges. DEATH or INJURY can occur from improper use or maintenance.



Tri-Flex® Sling System Engineering

CERTIFIED PROOF TESTING SLINGS — WIRE ROPE — CHAIN — NYLON — FITTINGS

Rated Load with 5-1 Factor
Rated Load in Tons

ONE TRI-FLEX® SLING
3 PARTS EIP
PIN DIAMETER =
4 x's COMPONENT PART

THREE TRI-FLEX® SLINGS
9 PARTS EIP
PIN DIAMETER =
4 x's COMPONENT PART

NINE TRI-FLEX® SLINGS
27 PARTS EIP
PIN DIAMETER =
8 x's COMPONENT PART

Diameter of Component Parts	VERTICAL RATED LOAD	FINISHED DIAMETER	VERTICAL RATED LOAD	FINISHED DIAMETER	VERTICAL RATED LOAD	FINISHED DIAMETER
1/4"	1.7	1/2"	4.6	1"	12.9	2"
5/16"	2.6	5/8"	7.0	1-1/4"	19.9	2-1/2"
3/8"	3.6	3/4"	10.0	1-1/2"	28.5	3"
7/16"	4.9	7/8"	13.8	1-3/4"	38.6	3-1/2"
1/2"	6.4	1"	18.0	2"	50.0	4"
9/16"	8.0	1-1/8"	22.7	2-1/4"	63.5	4-1/2"
5/8"	9.9	1-1/4"	27.8	2-1/2"	78.0	5"
3/4"	14.0	1-1/2"	39.7	3"	110.0	6"
7/8"	19.0	1-3/4"	53.7	3-1/2"	150.0	7"
1"	24.8	2"	69.8	4"	195.0	8"
1-1/8"	31.2	2-1/4"	87.7	4-1/2"	245.0	9"
1-1/4"	38.4	2-1/2"	108.0	5"	302.0	10"
1-3/8"	46.0	2-3/4"	130.0	5-1/2"	363.0	11"
1-1/2"	55.0	3"	154.0	6"	430.0	12"
1-5/8"	63.4	3-1/4"	178.0	6-1/2"	499.0	13"
1-3/4"	73.0	3-1/2"	206.0	7"	578.0	14"
2"	95.0	4"	267.0	8"	748.0	16"
2-1/4"	118.0	4-1/2"	333.0	9"	934.0	18"
2-1/2"	145.0	5"	408.0	10"	1140.0	20"

One TRI-FLEX® SLING is a complete sling with 3 parts for flexibility.

9-Part TRI-FLEX® SLINGS break down into three 3-part standard TRI-FLEX® SLINGS.

27-Part TRI-FLEX® SLINGS break down into three 9-part slings or nine 3-part slings.

The **TRI-FLEX® SYSTEM** allows the purchase of multiple part slings for big lifts which can easily be taken apart to provide slings for smaller lifts or for storage.

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⚠ WARNING