

08

SYNTHETIC, CHAIN & WIRE ROPE SLINGS



Safety & Accessories

Truck Equipment

Flatbed Accessories

Tiedown Straps

Utility Tiedowns

Auto Tiedowns

Interior Van Products

Slings

Rigging Hardware

Hardware

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General Information

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ROUND SLINGS


POLYESTER ROUND SLINGS

TECHNICAL SPECIFICATIONS

- Polyester round sling with 2-ply sleeve, colour coded
- The safe working load limit is clearly and continuously printed on the sleeve
- Each sling is packed in plastic with CE declaration of conformity.

CHARACTERISTICS

- Low elongation
- Especially for lifting round objects.
- It is softer than web sling, able to attach the surface of lifted body more tightly.
- Protective sleeves can be added for increased abrasion and cut resistance.
- It is easy to make up many kinds of lifting modes.



100% POLYESTER FIBER
WITH 2-PLY SLEEVE
SAFETY FACTOR = 5:1

RATED CAPACITY - ROUND SLINGS


					APPROX. DIA.	APPROX. WEIGHT
PART NO.	COLOUR CODED	VERTICAL LIFT (LBS)	CHOKED LIFT (LBS)	BASKET LIFT (LBS)	(INCHES)	PER FT. (LBS)
RSEN-03	PURPLE	3,000	2,400	6,000	.75	.25
RSEN-04	BLACK	4,000	3,200	8,000	.80	.35
RSEN-06	GREEN	6,000	4,800	12,000	.90	.40
RSEN-09	YELLOW	9,000	7,200	18,000	1.00	.50
RSEN-14	RED	14,000	11,200	28,000	1.30	.85
RSEN-17	ORANGE	17,000	13,600	34,000	1.60	.95
RSEN-23	BLUE	23,000	18,400	46,000	1.65	1.25
RSEN-32	GREY	32,000	25,600	64,000	2.15	1.75
RSEN-40	ORANGE	40,000	32,000	80,000	2.45	2.25
RSEN-68	OLIVE	68,000	54,400	136,000	2.80	2.70
RSEN-90	BLACK	90,000	72,000	180,000	3.00	3.00

WORKING LENGTHS AVAILABLE FROM 3FT TO 30FT.

EXAMPLE: RSEN-03-4 (3,000 LBS X 4 FT. LONG)
WHEN ORDERING, JUST ADD A NUMBER BEHIND OUR PART NO. TO SPECIFY THE WORKING LENGTH IN FEET.

POLYESTER EYE AND EYE ROUND SLINGS

Polyester eye and eye round slings are strong and versatile. They work exceptionally well in choker, vertical or basket hitches. Eye and Eye round slings with a cordura sleeve that covers the sling body forming a loop, or eyes, at each end. This construction makes polyester eye and eye round slings ideal for applications that expose the sling to additional wear and tear.



C=CORDURA
K=KEVLAR NYLON
B=BALLISTIC NYLON

EXAMPLE: RSEE-03-4-C36
3,000 LBS X 4 FT. LONG WITH 36" CORDURA SLEEVE

RSEE-XX-X-XXX
Features

- Super flexible, conforms to shape of load, flattened and lift the load securely.
- Works well for confined spaces.
- Eye length can be made as per order.

Sleeve material options: Cordura, Kevlar Nylon, Ballistic Nylon

REFER TO FEDERAL, STATE, PROVINCIAL, INDUSTRY OR LOCAL REGULATIONS FOR PROPER TIE DOWN METHODS.
IT IS THE OWNER'S AND USER'S RESPONSIBILITY TO DETERMINE SUITABILITY OF A PRODUCT FOR ANY PARTICULAR USE.

CTS

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POLYESTER WEB SLINGS

POLYESTER WEBBING BREAKING STRENGTH: 9,800LBS/INCH
SAFETY FACTOR = 5:1

- Easy use combined with industrial rigging for its lightness and flexibility.
- Able to print company names and others.
- RED YARN woven into the core of the webbing to serve only as one of many aids in determining whether and when a sling should be removed from service.

POLYESTER SLING CHARACTERISTICS

- Low elongation

REMOVAL FROM SERVICE

A web sling shall be removed from service if any of the following are visible:

- If sling rated capacity or sling material identification is missing or not readable.
- Acid or alkalis burns.
- Melting, charring or weld spatters on any part of the web sling.
- Holes, tears, cuts, snags or embedded particles.
- Broken or worn stitching in load bearing splices.
- Excessive abrasive wear.
- Knots in any part of the web sling.
- Excessive pitting, corrosion, cracks, distorted or broken fittings.
- Any other visible damage that causes doubt as to the strength of the sling.

INSPECTION RECORDS

Written inspection records, utilizing the identification for each sling as established by the user, should be kept on file for all web slings. These records should show a description of the sling and its condition on each periodic inspection.

WARNING: DO NOT EXCEED RATED CAPACITIES

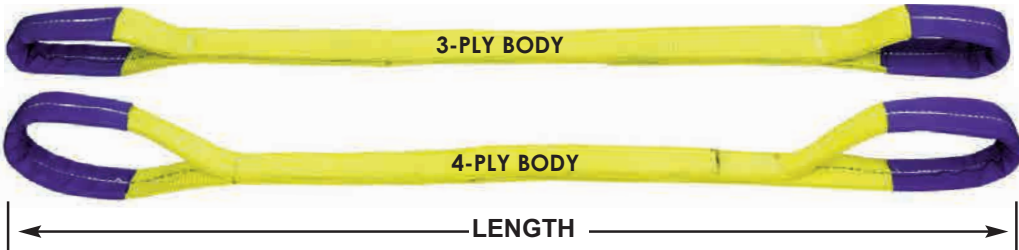
* DISINTEGRATED BY CONCENTRATED SULFURIC ACID.
** DEGRADED BY STRONG ALKALIES AT ELEVATED TEMPERATURES.

WEB SLING SAFETY USE CHEMICAL CHART

CHEMICAL	NYLON	POLYESTER
ACID	NO	*
ALCOHOL	OK	OK
ALDEHYDES	OK	NO
STRONG ALKALIES	OK	**
BLEACHING AGENTS	NO	OK
DRY CLEANING SOLVENTS	OK	OK
ETHERS	OK	NO
HALOGENATED HYDROCARBONS	OK	OK
HYDROCARBONS	OK	OK
KETONES	OK	OK
OIL, CRUDE	OK	OK
OIL, LUBRICATING	OK	OK
SOAPS, DETERGENTS	OK	OK
WATER, SEAWATER	OK	OK
WEAK ALKALIES	OK	OK

TYPE 3 (III) EYE - EYE, HEAVY DUTY 3-PLY AND 4-PLY

TYPE III - Web sling made with a FOLDED loop eye on each end with loop eye opening on same plane as sling body. FOLDED EYE slings can be used in all three types of hitches



EE3902-X
EYE & EYE PLY WEB WEB LENGTH FT.
CODE WIDTH

EE= EYE & EYE
(with protector eyes)

RATED CAPACITY - TYPE 3 (III)

Polyester webbing breaking strength: 9,800lbs / inch
SAFETY FACTOR = 5:1

3-PLY				EYE LENGTH	EYE WIDTH
WEB SLING WIDTH	VERTICAL LIFT (LBS)	CHOKED LIFT (LBS)	BASKET LIFT (LBS)	INCHES	INCHES
1"	4,100	3,300	8,200	12"	1"
2"	8,200	6,600	16,500	14"	2"
3"	12,300	9,900	24,600	14"	1.5"
4"	15,300	12,200	30,600	16"	2"
5"	22,500	18,000	45,000	18"	2.5"
6"	23,000	18,400	46,000	18"	3"

4-PLY				EYE LENGTH	EYE WIDTH
WEB SLING WIDTH	VERTICAL LIFT (LBS)	CHOKED LIFT (LBS)	BASKET LIFT (LBS)	INCHES	INCHES
1"	5,500	4,400	11,000	12"	1"
2"	11,000	8,800	22,000	14"	2"
3"	16,400	13,120	32,800	14"	1.5"
4"	20,400	16,320	40,800	16"	2"
5"	25,500	20,400	51,000	18"	2.5"
6"	30,600	24,480	61,200	18"	3"

ALL STRAP ASSEMBLIES OR SYSTEMS ARE AS STRONG AS THEIR WEAKEST COMPONENT INCLUDING THE POINT OF ATTACHMENT.
NEVER EXCEED THE WORKING LOAD LIMIT (WLL). LOADS BEYOND ITS WLL CAN RESULT IN SERVERE PERSONAL INJURY OR DEATH.

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POLYESTER WEB SLINGS

TYPE 5 (V) ENDLESS SLING

TYPE V - Endless sling is the most versatile sling that can be used in vertical, choker, or basket hitches. The hook and load contact points can be rotated to extend the life of the sling. The sling legs can be spread for improved load control.


















ENDLESS PLY WEB	WEB	LENGTH FT.



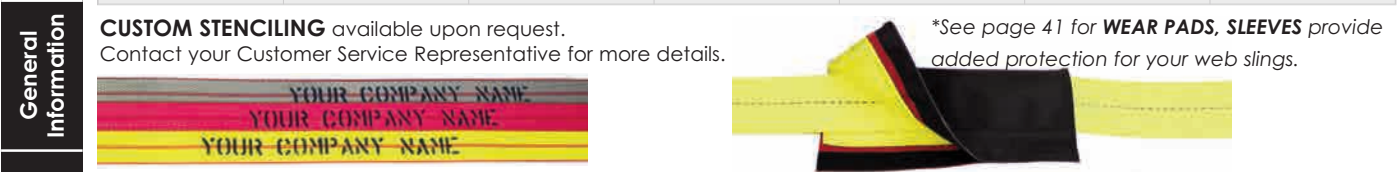
7,800lbs / inch

LENGTH

RATED CAPACITY - TYPE 5 (V) **WARNING: DO NOT EXCEED RATED CAPACITIES**

Tiedown Straps	1-PLY							
	WEB SLING WIDTH	VERTICAL LIFT (LBS)	CHOKED LIFT (LBS)	BASKET LIFT (LBS)	60° BASKET LIFT (LBS)	45° BASKET LIFT (LBS)	30° BASKET LIFT (LBS)	
Utility Tiedowns	1"	3,200	2,560	6,400	5,542	4,525	3,200	
	2"	6,200	4,960	12,400	10,738	8,767	6,200	
	3"	9,400	7,520	18,800	16,281	13,292	9,400	
	4"	12,400	9,920	24,800	21,477	17,534	12,400	
Auto Tiedowns	5"	15,600	12,480	31,200	27,019	22,058	15,600	
	6"	18,600	14,880	37,200	32,215	26,300	18,600	
	8"	21,200	16,960	42,400	36,718	29,977	21,200	
	10"	26,500	21,200	53,000	45,898	37,471	26,500	
Interior Van Products	12"	31,800	25,440	63,600	55,078	44,965	31,800	
	2-PLY							
Slings	WEB SLING WIDTH	VERTICAL LIFT (LBS)	CHOKED LIFT (LBS)	BASKET LIFT (LBS)	60° BASKET LIFT (LBS)	45° BASKET LIFT (LBS)	30° BASKET LIFT (LBS)	
	1"	6,200	4,960	12,400	10,738	8,767	6,200	
	2"	12,400	9,920	24,800	21,477	17,534	12,400	
	3"	17,600	14,080	35,200	30,483	24,886	17,600	
	4"	22,000	17,600	44,000	38,104	31,108	22,000	
	5"	27,400	21,920	54,800	47,457	38,744	27,400	
	6"	33,000	26,400	66,000	57,156	46,662	33,000	
	8"	42,300	33,840	84,600	73,264	59,812	42,300	
	10"	52,900	42,320	105,800	91,623	74,801	52,900	
	12"	63,500	50,800	127,000	109,982	89,789	63,500	
	Rigging Hardware	4-PLY						
		WEB SLING WIDTH	VERTICAL LIFT (LBS)	CHOKED LIFT (LBS)	BASKET LIFT (LBS)	60° BASKET LIFT (LBS)	45° BASKET LIFT (LBS)	30° BASKET LIFT (LBS)
Hardware	1"	11,000	8,800	22,000	19,052	15,554	11,000	
	2"	22,000	17,600	44,000	38,104	31,108	22,000	
Webbing	3"	32,900	26,320	65,800	56,983	46,521	32,900	
	4"	40,800	32,640	81,600	70,666	57,691	40,800	
	5"	51,000	40,800	102,000	88,332	72,114	51,000	
	6"	61,200	48,960	122,400	105,998	86,537	61,200	

CUSTOM STENCILING available upon request. Contact your Customer Service Representative for more details.



CUSTOM STENCILING available upon request.
Contact your Customer Service Representative for more details.

See page 41 for **WEAR PADS, SLEEVES provide added protection for your web slings.*

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IT IS THE OWNER'S AND USER'S RESPONSIBILITY TO DETERMINE SUITABILITY OF A PRODUCT FOR ANY PARTICULAR USE.

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POLYESTER WEB SLINGS













TYPE 6 (VI) RETURN EYE

TYPE VI - RETURN EYE (reversed eye) slings that have an eye and body covered with wear pads. Eyes stand open at 90° to the sling body allowing easy choker or basket hitches.

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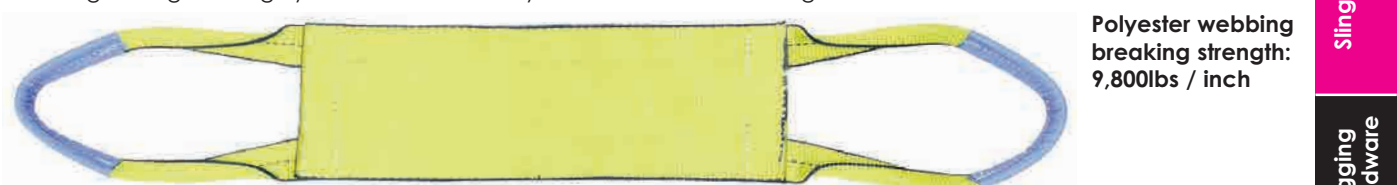
SLING LENGTH - Measured bearing point to bearing point of the web sling

RATED CAPACITY - TYPE 6 **WARNING: DO NOT EXCEED RATED CAPACITIES**

1-PLY							EYE LENGTH	EYE WIDTH	Facts & Figures	
SLING BODY	VERTICAL LIFT (LBS)	CHOKED LIFT (LBS)	90° BASKET LIFT (LBS)	60° BASKET LIFT (LBS)	45° BASKET LIFT (LBS)	30° BASKET LIFT (LBS)	(IN)	(IN)		Tiedown Straps
2"	3,100	2,480	6,200	5,300	4,300	3,100	9"	1"		
4"	6,200	4,960	12,400	10,700	8,700	6,200	12"	2"		
6"	9,400	7,520	18,800	16,200	13,200	9,400	12"	1.5"		Utility Tiedowns
2-PLY							EYE LENGTH	EYE WIDTH	Auto Tiedowns	
SLING BODY	VERTICAL LIFT (LBS)	CHOKED LIFT (LBS)	90° BASKET LIFT (LBS)	60° BASKET LIFT (LBS)	45° BASKET LIFT (LBS)	30° BASKET LIFT (LBS)	(IN)	(IN)		Van Accessories
2"	6,200	4,960	12,400	10,700	8,700	6,200	12"	1"		
4"	12,400	9,900	24,800	21,400	17,500	12,400	12"	2"		
6"	17,600	14,000	35,200	30,400	24,800	17,600	15"	1.5"		

WIDE BODY WEB SLINGS CUSTOM WIDTH AND LENGTHS AVAILABLE UPON REQUEST

WIDE BODY WEB SLINGS - Designed for applications where you need a wide sling for load stability and for proper handling of fragile or highly finished surfaces. Eyes are reinforced for longer life.



SAFETY FACTOR = 5:1

SLING LENGTH - Measured bearing point to bearing point of the web sling

RATED CAPACITY	WARNING: DO NOT EXCEED RATED CAPACITIES	e
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1-PLY						EYE LENGTH	EYE WIDTH	Hardware
SLING BODY	PART NO.	90° BASKET LIFT (LBS)	60° BASKET LIFT (LBS)	45° BASKET LIFT (LBS)	30° BASKET LIFT (LBS)	(IN)	(IN)	
8"	WBS1-08	6,000	5,200	4,200	3,000	12"	1"	Webbing
10"	WBS1-10	6,000	5,200	4,200	3,000	15"	1"	
12"	WBS1-12	6,000	5,200	4,200	3,000	18"	1"	
16"	WBS2-16	10,000	5,700	7,100	5,000	24"	2"	General Information
20"	WBS2-20	10,000	5,700	7,100	5,000	24"	2"	
24"	WBS2-24	10,000	5,700	7,100	5,000	24"	2"	

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SPECIALTY LIFTING SLINGS

METAL DRUM SLINGS - FORKLIFT



- DS23-36 ADJUSTABLE DRUM SLING**
WORKING LOAD LIMIT: 1,000 LBS (454 KGS)
- Polyester Drum Handling Slings are specifically designed for the efficient handling of up to 55 gallon ribbed metal drums.
 - The sling consists of a 3" bridle and a 2" circumferential tightening ratchet end strap.
 - The lift loop is attached to the circumferential tightening strap. The unattached leg is free to be positioned for various drum diameters.

CAUTION:
When making the lift, keep the load low, lifting the drum only enough to clear the ground. Extra consideration should be given when handling partially filled drums to insure load control.

*CUSTOM LENGTHS ARE AVAILABLE UPON REQUEST



- DS23-44 HEAVY DUTY ADJUSTABLE DRUM SLING WITH DOUBLE RATCHET STRAPS**
WORKING LOAD LIMIT: 2,000 LBS (909 KGS)
- Polyester Drum Handling Slings are specifically designed for the efficient handling of up to 55 gallon ribbed metal drums.
 - The sling consists of a 3" bridle and 2 x 2" circumferential tightening endless ratchet straps. The lift bridle is permanently attached to the tightening strap, thus eliminating the need to position the bridle for lifting.
 - The lift loop is attached to the circumferential tightening strap. The unattached leg is free to be positioned for various drum diameters.

NOTE: NOT FOR PLASTIC DRUMS. USE WITH CLOSED-HEAD METAL DRUMS ONLY

CAUTION:
When making the lift, keep the load low, lifting the drum only enough to clear the ground. Extra consideration should be given when handling partially filled drums to insure load control.

LIFTS VARIOUS DRUM SIZES VERTICALLY

This versatile sling lets you safely and easily handle various drum sizes and feature with Self-tightening.

DS22-18 DRUM SLING WITH 2 HOOKS
WORKING LOAD LIMIT: 500 LBS (227 KGS)



DS24-36 X DRUM SLING WITH 4 HOOKS
WORKING LOAD LIMIT: 1,000 LBS (454 KGS)

NOTE: NOT FOR PLASTIC DRUMS. USE WITH CLOSED-HEAD METAL DRUMS ONLY

CAUTION:
When making the lift, keep the load low, lifting the drum only enough to clear the ground. Extra consideration should be given when handling partially filled drums to insure load control.



SPECIALTY LIFTING SLINGS

FORKLIFT SLEEVES / FORKLIFT SOCKS



Forklift sleeve specifically designed to protect loads which cannot be marred or scratched. Made from durable polyester webbing, these covers are economical and long-lasting and include Velcro connectors.

- FS6X48**
48" x 2" x 6" FORKLIFT PROTECTOR SLEEVE
FORK DIMENSIONS: 6" WIDE
FLAT THICKNESS: 2-1/2" AT DEEPEST AND TAPERED TO END
FORK LENGTH: 48"
- FS6X60**
60" x 2" x 6" FORKLIFT PROTECTOR SLEEVE
FORK DIMENSIONS: 6" WIDE
FLAT THICKNESS: 2-1/2" AT DEEPEST AND TAPERED TO END
FORK LENGTH: 60"

BATTERY SLINGS

WARNING: DO NOT EXCEED RATED CAPACITIES



This 2" x 5FT Battery sling has been designed to hook onto the eye bolt on both side of the battery and lift it with the forks of any forklift truck to facilitate removal and replacement of a fork truck battery.

- 2" polyester sling webbing
- Vinyl coated hooks
- Standard 12" lifting round ring with protector pads for wear and tear.

WORKING LOAD LIMIT: 5,000 LBS (2,272 KGS)
BS22-05-W BATTERY SLING (STANDARD)
HOOK FACKING OUTWARD

BS22-05-WI BATTERY SLING
HOOK FACING INWARD

NEW *Alternate hardware and custom lengths are available upon request



BS22-05-WI-SS BATTERY SLING WITH SAFETY STRAP
This 2" x 5FT Battery sling added 1" x 36" safety strap with double lock hook attached to the ring on forklift to prevent sling sliding off the forks.

- 2" polyester sling webbing
- Vinyl coated hooks
- Standard 12" lifting round ring with protector pads for wear and tear.

WORKING LOAD LIMIT: 5,000 LBS (2,272 KGS)
*Alternate hardware and custom lengths are available upon request

ADAPTER 31603 - 1/2" SHACKLE

Add shackle adapter for small holes where battery sling hook is too thick to properly grab the battery unit.
*please note you will need to order 2 pieces for each battery sling that needs to use this to accommodate both hooks



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SPECIALTY LIFTING SLINGS

GLASS SLINGS

CUSTOM WIDTH AND LENGTHS AVAILABLE UPON REQUEST



GLASS SLINGS - Glass Slings can be custom made to fit any size of glass pack or crate. The slings are available with fully lined 3/16" Rubber on the inside to protect the sling from sharp edges.

4" WIDE PART NO.	SLING LENGTH INCHES	GLASS SIZE HEIGHT	WORKING LOAD LIMIT (LBS)
GS14-078	78"	36" - 54"	12,400 LBS
GS14-108	108"	60" - 84"	12,400 LBS
GS14-124	124"	72" - 100"	12,400 LBS

NET BODY SLINGS

CUSTOM WIDTH AND LENGTHS AVAILABLE UPON REQUEST



NET BODY SLINGS - Wide net body sling, are great for extra heavy loads that require a wide body for stability. This lifting sling can only be used in basket hitch applications.

1" WEB	SLING EYE	SLING EYE				
PART NO.	NUMBER OF PLY	SLING EYE LENGTH (INCH)	90° BASKET LIFT (LBS)	60° BASKET LIFT (LBS)	45° BASKET LIFT (LBS)	30° BASKET LIFT (LBS)
NBS11	1 PLY	28"	6,400	5,542	4,525	3,200
NBS12	2 PLY	28"	12,400	10,738	8,767	6,200

ROCK SLINGS

CUSTOM WIDTH AND LENGTHS AVAILABLE UPON REQUEST



ROS1902-14

2" X 14FT ROCK SLINGS

The Rock sling is simple solution for moving large rocks and boulders. Perfect for moves rocks or boulders safely and easily without damaging them and is easy to remove once the rock or boulder has been placed.

- . Can be used with any machine
- . 14FT from lifting eye to lifting eye
- . 10FT covered and protected with ballistic nylon material
- . 2" wide polyester sling webbing

WORKING LOAD LIMIT: 4,000 LBS (1,818 KGS)

TREE TOTE SLINGS

CUSTOM WIDTH AND LENGTHS AVAILABLE UPON REQUEST



TREE TOTE ROOT BALL SLINGS

This lifting sling is easily wrapped around the root ball and provides four handles to lift the plant from below ground level.

- . Self adjusting choker design
- . Easily removed with minimal damage to root ball

TTS6-36X84 6"X84" RING, 5"X36" LIFTING SLING

TTS3-48X60 6"X60" RING, 3" X 48" LIFTING SLING

WORKING LOAD LIMIT: 4,000 LBS (1,818 KGS)

SPECIALTY LIFTING SLINGS

PLASTIC BARREL SLINGS



Upgrade to KEVLAR base for stronger and load stability



55 Gallon



30 Gallon

ROUND BASKET LIFTING SLING FOR PLASTIC BARRELS

Features:

- Polyester Drum Handling Slings are specifically designed for the efficient handling of 30 or 55 gallon plastic drum
- Can be used for lifting fiber and plastic drums
- The sling consists of 4 lifting eyes and 2" webbing

DSP-23666 55 GALLON (YELLOW color webbing)
Fit Barrel Size: 24" DIAMETER, 76" CIRCUMFERENCE, 36" TALL

DSP-22960 30 GALLON (BLUE color webbing)
Fit Barrel Size: 20" DIAMETER, 63" CIRCUMFERENCE, 29" TALL

WORKING LOAD LIMIT: 1,600LBS (727KGS)

Custom lengths or sizes are available upon request

BASKET SLINGS

5 & 6 GALLONS BUCKET SLINGS

- 2 Lifting handle for balance lifting
- 2 Belly band to keep bucket secure
- Kevlar material base to keep bucket secure while lifting

WORKING LOAD LIMIT: 500 LBS (227 KGS)



DS128-5G 5 GALLONS BUCKET SLING

Base Bucket Diameter: 11" (Inch)
Sling Height: 28" (Inch))

DS131-6G 6 GALLONS BUCKET SLING

Base Bucket Diameter: 12" (Inch)
Sling Height: 31" (Inch)

NEW

PROPANE CYLINDER SLING

- Lift 100 lbs
50 lbs and 40lbs cylinders

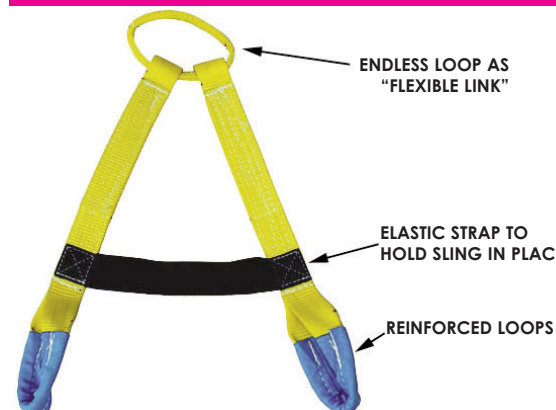
PBS-1X68-17B

Base Pad: 17"x17"
Sling Height: 28" (Inch))

WORKING LOAD LIMIT:
500 LBS (227 KGS)



TRANSFORMER LIFTING SLINGS



ENDLESS LOOP AS "FLEXIBLE LINK"

ELASTIC STRAP TO HOLD SLING IN PLACE

REINFORCED LOOPS

TRANSFORMER LIFTING SLING - The transformer sling is made of polyester sling webbing. The transformer sling is specifically designed to hook to the lifting posts on a transformer.

PART NO.	SIZE	LEG LENGTH INCHES	60° BASKET LIFT LBS
TFS15	SMALL	15"	2,800 LBS
TFS22	LARGE	22"	2,800 LBS
TFS26	XLARGE	26"	2,800 LBS

WARNING: DO NOT USED horizontal sling angles less than 30°

ALL STRAP ASSEMBLIES OR SYSTEMS ARE AS STRONG AS THEIR WEAKEST COMPONENT INCLUDING THE POINT OF ATTACHMENT. NEVER EXCEED THE WORKING LOAD LIMIT (WLL). LOADS BEYOND ITS WLL CAN RESULT IN SEVERE PERSONAL INJURY OR DEATH.

CTS

CTS

REFER TO FEDERAL, STATE, PROVINCIAL, INDUSTRY OR LOCAL REGULATIONS FOR PROPER TIE DOWN METHODS. IT IS THE OWNER'S AND USER'S RESPONSIBILITY TO DETERMINE SUITABILITY OF A PRODUCT FOR ANY PARTICULAR USE.

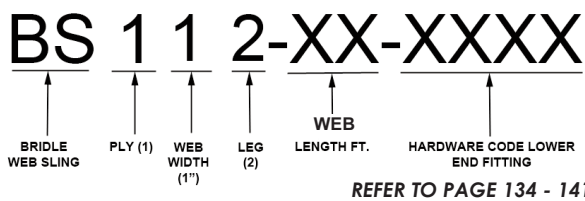


BRIDLE WEB SLINGS

Safety & Accessories
Truck Equipment
Flatbed Accessories
Tiedown Straps
Utility Tiedowns
Auto Tiedowns
Interior Van Products
Slings
Rigging Hardware
Hardware
Webbing
General Information

POLYESTER BRIDLE WEB SLINGS

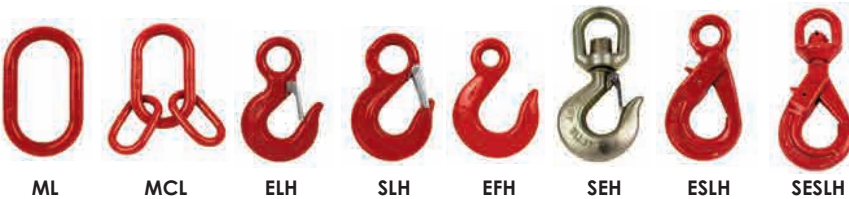
- The Bridle web sling assembled with various combinations of Grade 80 hardware or Grade 100 hardware.
- It is a substitute to replace the wire rope slings and chain slings as is the trend in sling development.
- Our standard web sling comes with reinforced eyes.
- Vinyl capacity tag with clear vinyl cover to protect data.
- **POLYESTER WEBBING BREAKING STRENGTH: 9,800 LBS/INCH**
- **SAFETY FACTOR = 5:1**



BRIDLE WEB SLING ASSEMBLIES



UPPER/LOWER END HARDWARE CODES



NOTE: Hardware capacities correspond to the appropriate sling capacities. See hardware dimension charts on page 134 to page 140



SINGLE LEG (1-LEG) BRIDLE WEB SLING RATED CAPACITY

SAFETY FACTOR 5:1					
LEG WEBBING WIDTH	NUMBER OF PLY	90° VERTICAL (LBS)	MASTER LINK SIZE	G80 MASTER LINK PART NO.	HARDWARE MIN. CAPACITY REQ'D (TON)
1"	1 PLY	1,600	1/2"	34012	2
1"	2 PLY	3,000	1/2"	34012	2
2"	1 PLY	3,000	3/4"	34034	3
2"	2 PLY	6,000	3/4"	34034	3

WARNING: DO NOT EXCEED RATED CAPACITIES

* Sling capacity DECREASES as the angle from the horizontal decreases. Slings should not be used at angles of less than 30°

BRIDLE WEB SLINGS



Safety & Accessories
Truck Equipment
Flatbed Accessories
Tiedown Straps
Utility Tiedowns
Auto Tiedowns
Interior Van Products
Slings
Rigging Hardware
Hardware
Webbing
General Information

DOUBLE LEG (2-LEG) BRIDLE WEB SLING RATED CAPACITY

SAFETY FACTOR 5:1							
LEG WEBBING WIDTH	NUMBER OF PLY	60° (LBS)	45° (LBS)	30° (LBS)	MASTER LINK SIZE (DIA.)	G80 MASTER LINK PART NO.	HARDWARE MIN. CAPACITY REQ'D (TON)
1"	1 PLY	2,700	2,200	1,600	3/4"	34034	2
1"	2 PLY	5,100	4,200	3,000	3/4"	34034	2
2"	1 PLY	5,100	4,200	3,000	1"	34010	3
2"	2 PLY	10,300	8,400	6,000	1"	34010	3

TRIPLE LEG (3-LEG) BRIDLE WEB SLING RATED CAPACITY

SAFETY FACTOR 5:1							
LEG WEBBING WIDTH	NUMBER OF PLY	60° (LBS)	45° (LBS)	30° (LBS)	MASTER LINK SIZE (DIA.)	G80 MASTER LINK PART NO.	HARDWARE MIN. CAPACITY REQ'D (TON)
1"	1 PLY	4,100	3,300	2,400	3/4"	34034	2
1"	2 PLY	7,700	6,300	4,500	3/4"	34034	2
2"	1 PLY	7,700	6,300	4,500	1"	34010	3
2"	2 PLY	15,500	12,700	9,000	1"	34010	3

QUADRUPLE LEG (4-LEG) BRIDLE WEB SLING RATED CAPACITY

SAFETY FACTOR 5:1							
LEG WEBBING WIDTH	NUMBER OF PLY	60° (LBS)	45° (LBS)	30° (LBS)	MASTER LINK SIZE (DIA.)	G80 MASTER LINK PART NO.	HARDWARE MIN. CAPACITY REQ'D (TON)
1"	1 PLY	5,500	4,500	3,200	1"	34010	2
1"	2 PLY	10,300	8,400	6,000	1"	34010	2
2"	1 PLY	10,300	8,400	6,000	1"	34010	3
2"	2 PLY	20,700	16,900	12,000	1-1/4"	34011	3

WARNING: DO NOT EXCEED RATED CAPACITIES

See pages 134-140 for attachment components dimensions

*See page 40-41 for **WEAR PADS, SLEEVES** provide added protection for your web slings.





BRIDLE CHAIN SLINGS

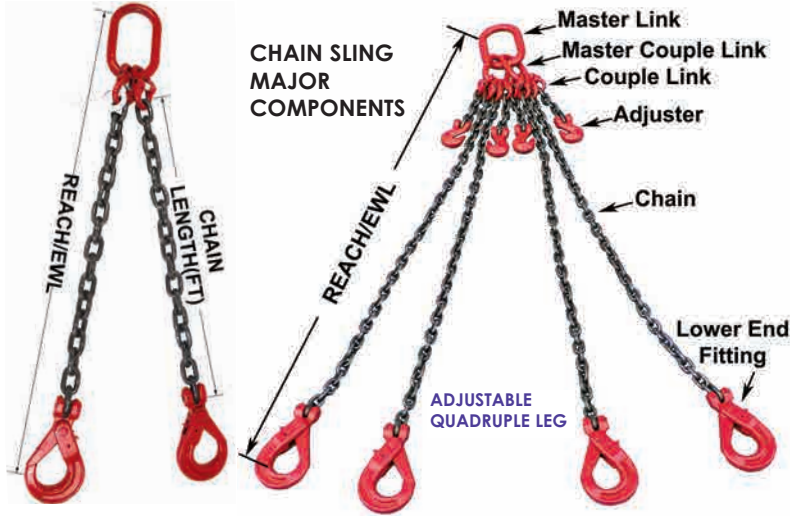
G80 / G100 BRIDLE CHAIN SLINGS

- The chain sling will be the best choice if the operation environment is high temperature or a rough surface of the lifted object.
- The chain sling will not stretch if operated under the working load limits, but there is a 17% specific elongation against the breaking load limit.
- Aluminum capacity tag for identification.
- SAFETY FACTOR = 4:1 or 5:1**

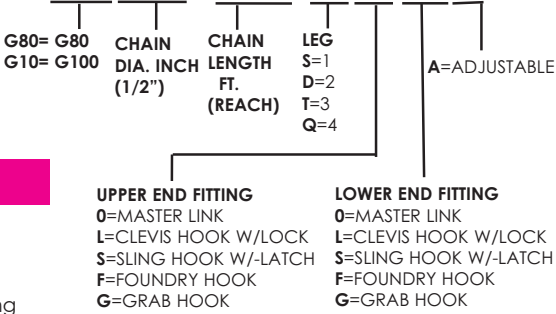
BRIDLE CHAIN SLING ASSEMBLIES

REACH OR EFFECTIVE WORKING LENGTH (EWL)

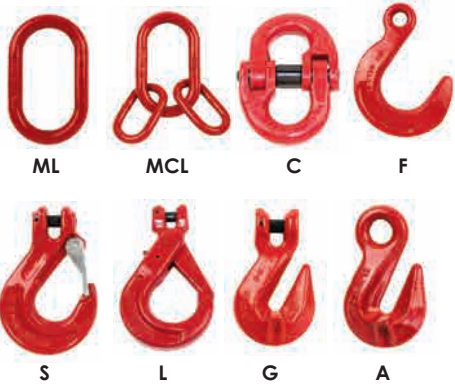
The reach of a chain sling is the distance between bearing points of the upper and lower terminal fittings. This distance commonly known as the Effective Working Length should be quoted when ordering slings. Shortening adjusters may be fitted to a sling, making the reach adjustable to increase the versatility of the sling.



GXX12-XX-XXXX



HARDWARE CODES



For attachment components dimensions
G80 - See pages 134-138
G100 - See pages 140-141

SINGLE LEG CHAIN SLING (1-LEG)



Inspection Procedure:
Each link and each attachment shall be examined individually, taking care to expose inner link surfaces of the chain and attachments.

Visual Inspection:
Check for wear, nicks, cracks, breaks, gouges, stretch, bends, weld splatter from excessive heat and throat opening of hooks.

GRADE 80 CHAIN			SAFETY FACTOR 4:1 RATED CAPACITY		SAFETY FACTOR 5:1 RATED CAPACITY	
CHAIN DIA. (INCH)	MASTER LINK (INCH)	G80 MASTER LINK PART NO.	VERTICAL 90° (LBS)	CHOKER >30° (LBS)	VERTICAL 90° (LBS)	CHOKER >30° (LBS)
9/32	1/2"	34012	3,500	2,600	2,800	2,100
3/8	3/4"	34034	7,100	5,400	5,700	4,300
1/2	1"	34010	12,000	9,000	9,600	7,200
5/8	1"	34010	18,100	13,600	14,500	10,900

GRADE 100 CHAIN			SAFETY FACTOR 4:1 RATED CAPACITY		SAFETY FACTOR 5:1 RATED CAPACITY	
CHAIN DIA. (INCH)	MASTER LINK (INCH)	G100 MASTER LINK PART NO.	VERTICAL 90° (LBS)	CHOKER >30° (LBS)	VERTICAL 90° (LBS)	CHOKER >30° (LBS)
9/32	1/2"	37701	4,300	3,200	3,400	2,600
5/16	3/4"	37702	5,700	4,400	4,600	3,500
3/8	3/4"	37702	8,800	6,600	7,000	5,300
1/2	1"	37703	15,000	11,200	12,000	9,000
5/8	1"	37703	22,600	17,000	18,100	13,600

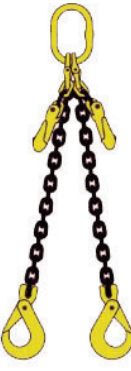


BRIDLE CHAIN SLINGS

DOUBLE LEG CHAIN SLING (2-LEG)



2-LEG



ADJUSTABLE

GRADE 80 CHAIN		SAFETY FACTOR 4:1 DOUBLE LEG RATED CAPACITY			SAFETY FACTOR 5:1 DOUBLE LEG RATED CAPACITY		
CHAIN DIA. (INCH)	MASTER LINK (INCH)	60° (LBS)	45° (LBS)	30° (LBS)	60° (LBS)	45° (LBS)	30° (LBS)
9/32	3/4	6,100	4,900	3,500	4,800	4,000	2,800
3/8	3/4	12,300	10,000	7,100	9,900	8,100	5,700
1/2	1	20,800	17,000	12,000	16,600	13,600	9,600
5/8	1-1/4	31,300	25,600	18,100	25,100	20,500	14,500

GRADE 100 CHAIN		SAFETY FACTOR 4:1 DOUBLE LEG RATED CAPACITY			SAFETY FACTOR 5:1 DOUBLE LEG RATED CAPACITY		
CHAIN DIA. (INCH)	MASTER LINK (INCH)	60° (LBS)	45° (LBS)	30° (LBS)	60° (LBS)	45° (LBS)	30° (LBS)
9/32	5/8 (Y)	7,400	6,100	4,300	5,900	4,900	3,400
5/16	5/8 (Y)	9,900	8,100	5,700	8,000	6,500	4,600
3/8	1 (MS)	15,200	12,400	8,800	12,100	9,900	7,000
1/2	1-1/4 (MS)	26,000	21,200	15,000	20,800	17,000	12,000
5/8	1-1/2 (MS)	39,100	32,000	22,600	31,400	25,600	18,100

TRIPLE & QUADRUPLE LEG CHAIN SLING (3 & 4-LEG)



3-LEG



4-LEG

GRADE 80 CHAIN		SAFETY FACTOR 4:1 3 & 4 LEG RATED CAPACITY			SAFETY FACTOR 5:1 3 & 4 LEG RATED CAPACITY		
CHAIN DIA. (INCH)	MASTER LINK SUB-ASSEMBLY (INCH)	60° (LBS)	45° (LBS)	30° (LBS)	60° (LBS)	45° (LBS)	30° (LBS)
9/32	3/4	9,100	7,400	5,200	7,300	5,900	4,200
3/8	1	18,400	15,100	10,600	14,800	12,100	8,600
1/2	1-1/4	31,200	25,500	18,000	24,900	20,400	14,400
5/8	1-1/2	47,000	38,400	27,100	37,700	30,800	21,800

GRADE 100 CHAIN		SAFETY FACTOR 4:1 3 & 4 LEG RATED CAPACITY			SAFETY FACTOR 5:1 3 & 4 LEG RATED CAPACITY		
CHAIN DIA. (INCH)	MASTER LINK SUB-ASSEMBLY (INCH)	60° (LBS)	45° (LBS)	30° (LBS)	60° (LBS)	45° (LBS)	30° (LBS)
9/32	3/4	11,200	9,100	6,400	9,000	7,300	5,100
5/16	1	14,800	12,100	8,500	12,000	9,800	6,900
3/8	1-1/4	22,900	18,700	13,200	18,200	14,800	10,500
1/2	1-1/2	39,000	31,800	22,500	31,200	25,500	18,000
5/8	1-1/2 (Y)	58,700	47,900	33,900	47,000	38,400	27,200

Maintenance:

Keep a record of all chain slings. Depending on the use of the slings, they should be inspected regularly in accordance with national regulations (ASME B30.9).

WARNING: DO NOT EXCEED RATED CAPACITIES

WIRE ROPE SLINGS

WIRE ROPE SLINGS



WIRE ROPE SLINGS - HARDWARE

When selecting rigging hardware to be connected to wire rope slings, we encourage that the hardware have a diameter greater than the rope diameter so as to achieve D/d ratio in the eye of the sling greater than 1 to 1. We need to make sure that the WLL of the rigging hardware is greater than the sling tension.

RATED CAPACITY

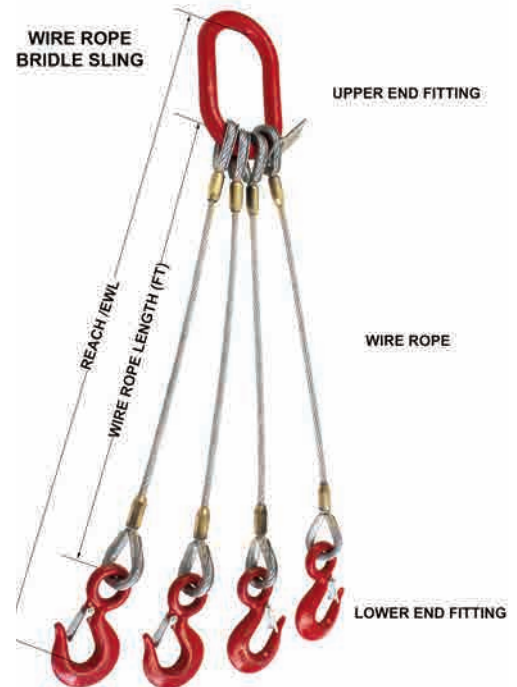
For sling angles other than those shown, use the rated load for the next lower angle or a qualified person shall calculate the rated load horizontal sling angles of less than 30 degrees are not recommended. The capacity of a bridle at a 30 degree horizontal angle is the same as a single vertical leg.

SINGLE LEG WIRE ROPE SLINGS (1-LEG)

RATED CAPACITY - 6-strand wire rope with a Steel Core (IWRC)

WIRE ROPE DIA. INCH	VERTICAL TONS	CHOKER TONS	SHACKLE SIZE INCH	HOOK SIZE MM
1/4"	0.65	0.48	5/16"	8
5/16"	1.00	0.74	3/8"	8
3/8"	1.40	1.10	7/16"	8
7/16"	1.90	1.40	1/2"	8
1/2"	2.50	1.90	5/8"	10
9/16"	3.20	2.40	5/8"	13
5/8"	3.90	2.90	3/4"	13
3/4"	5.60	4.10	7/8"	16
7/8"	7.60	5.60	1"	16
1"	9.80	7.20	1-1/4"	19

WIRE ROPE SLING CAPACITIES - TONS (2000 LBS.) FLEMISH EYE - ASME B30.9 BASED ON 6 X 19, 6 X 36 STEEL IWRC WITH DESIGN FACTOR 5:1



2-LEG & 4-LEG WIRE ROPE SLINGS

RATED CAPACITY - 6-strand wire rope with a Steel Core (IWRC)

WIRE ROPE DIA. INCH	2-LEG			4-LEG		
	60°	45°	30°	60°	45°	30°
1/4"	1.10	0.91	0.65	2.20	1.80	1.30
5/16"	1.70	1.40	1.00	3.50	2.80	2.00
3/8"	2.50	2.00	1.40	5.00	4.10	2.90
7/16"	3.40	2.70	1.90	6.70	5.50	3.90
1/2"	4.40	3.60	2.50	8.80	7.10	5.10
9/16"	5.50	4.50	3.20	11.0	9.00	6.40
5/8"	6.80	5.50	3.90	14.0	11.0	7.80
3/4"	9.70	7.90	5.60	19.0	16.0	11.0
7/8"	13.0	11.0	7.60	26.0	21.0	15.0
1"	17.0	14.0	9.80	34.0	28.0	20.0

All Rated Capacities are based on a D/d ratio of >25:1

Rated Capacities are based on a D/d ratio of >25:1 and choking angle greater than 135°.

ALL sling angles refer to the HORIZONTAL angle.

All Rated Capacities (WLL's) on multiple leg slings are based on EQUAL loading of all sling legs.

WARNING: DO NOT EXCEED RATED CAPACITIES