

RATED CAPACITY FOR SYNTHETIC WEB SLINGS

TABLE 2-10
U.S.S. Inch-Pound Units - Class 7 - 1 Ply Slings
 Types I, II, III, IV














Sling Width	SINGLE LEG			2 LEG OR SINGLE BASKET			
	HITCH TYPES			HORIZONTAL ANGLES			
	Vertical	Choker	Vertical Basket	90°	60°	45°	30°
							
1 in.	1,600 lb.	1,280 lb.	3,200 lb.	3,200 lb.	2,771 lb.	2,262 lb.	1,600 lb.
1½ in.	2,300 lb.	1,840 lb.	4,600 lb.	4,600 lb.	3,984 lb.	3,252 lb.	2,300 lb.
1¾ in.	2,700 lb.	2,160 lb.	5,400 lb.	5,400 lb.	4,676 lb.	3,818 lb.	2,700 lb.
2 in.	3,100 lb.	2,480 lb.	6,200 lb.	6,200 lb.	5,369 lb.	4,383 lb.	3,100 lb.
3 in.	4,700 lb.	3,760 lb.	9,400 lb.	9,400 lb.	8,140 lb.	6,646 lb.	4,700 lb.
4 in.	6,200 lb.	4,960 lb.	12,400 lb.	12,400 lb.	10,738 lb.	8,767 lb.	6,200 lb.
5 in.	7,800 lb.	6,240 lb.	15,600 lb.	15,600 lb.	13,510 lb.	11,029 lb.	7,800 lb.
6 in.	9,300 lb.	7,440 lb.	18,600 lb.	18,600 lb.	16,108 lb.	13,150 lb.	9,300 lb.
8 in.	11,800 lb.	9,440 lb.	23,600 lb.	23,600 lb.	20,438 lb.	16,685 lb.	11,800 lb.
10 in.	14,700 lb.	11,760 lb.	29,400 lb.	29,400 lb.	25,460 lb.	20,786 lb.	14,700 lb.
12 in.	17,600 lb.	14,080 lb.	35,200 lb.	35,200 lb.	30,483 lb.	24,886 lb.	17,600 lb.

TABLE 2-11
U.S.S. Inch-Pound Units - Class 7 - 1 Ply Slings
 Type V

Sling Width	ENDLESS			2 LEG OR SINGLE BASKET		
	HITCH TYPES			HORIZONTAL ANGLES		
	Vertical	Choker	Vertical Basket	60°	45°	30°
						
1 in.	3,200 lb.	2,560 lb.	6,400 lb.	5,542 lb.	4,525 lb.	3,200 lb.
1½ in.	4,600 lb.	3,680 lb.	9,200 lb.	7,967 lb.	6,504 lb.	4,600 lb.
1¾ in.	5,400 lb.	4,320 lb.	10,800 lb.	9,353 lb.	7,636 lb.	5,400 lb.
2 in.	6,200 lb.	4,960 lb.	12,400 lb.	10,738 lb.	8,767 lb.	6,200 lb.
3 in.	9,400 lb.	7,520 lb.	18,800 lb.	16,281 lb.	13,292 lb.	9,400 lb.
4 in.	12,400 lb.	9,920 lb.	24,800 lb.	21,477 lb.	17,534 lb.	12,400 lb.
5 in.	15,600 lb.	12,480 lb.	31,200 lb.	27,019 lb.	22,058 lb.	15,600 lb.
6 in.	18,600 lb.	14,880 lb.	37,200 lb.	32,215 lb.	26,300 lb.	18,600 lb.
8 in.	21,200 lb.	16,960 lb.	42,400 lb.	36,718 lb.	29,977 lb.	21,200 lb.
10 in.	26,500 lb.	21,200 lb.	53,000 lb.	45,898 lb.	37,471 lb.	26,500 lb.
12 in.	31,800 lb.	25,440 lb.	63,600 lb.	55,078 lb.	44,965 lb.	31,800 lb.

Notes:

- 1) The rated capacities are based on stuffer weave construction webbing with a minimum certified tensile strength of 9,800 pounds per inch of webbing width.
- 2) Rated capacities for Type III and IV slings apply to both tapered and non-tapered eye constructions. Rated capacities for Type V slings are based on non-tapered webbing.
- 3) For Type VI slings and for other sling types, consult the manufacturer for rated capacities.

ALWAYS CHECK THE IDENTIFICATION TAG TO DETERMINE IF THE WEB SLING RATED CAPACITY IS APPROPRIATE FOR THE LIFT.

RATED CAPACITY FOR SYNTHETIC WEB SLINGS

TABLE 2-14
U.S.S. Inch-Pound Units - Class 7 - 2 Ply Slings
 Types I, II, III, IV














Sling Width	SINGLE LEG			2 LEG OR SINGLE BASKET			
	HITCH TYPES			HORIZONTAL ANGLES			
	Vertical	Choker	Vertical Basket	90°	60°	45°	30°
							
1 in.	3,100 lb.	2,480 lb.	6,200 lb.	6,200 lb.	5,369 lb.	4,383 lb.	3,100 lb.
1½ in.	4,700 lb.	3,760 lb.	9,400 lb.	9,400 lb.	8,140 lb.	6,646 lb.	4,700 lb.
1¾ in.	5,400 lb.	4,320 lb.	10,800 lb.	10,800 lb.	9,353 lb.	7,636 lb.	5,400 lb.
2 in.	6,200 lb.	4,960 lb.	12,400 lb.	12,400 lb.	10,738 lb.	8,767 lb.	6,200 lb.
3 in.	8,800 lb.	7,040 lb.	17,600 lb.	17,600 lb.	15,242 lb.	12,443 lb.	8,800 lb.
4 in.	11,000 lb.	8,800 lb.	22,000 lb.	22,000 lb.	19,052 lb.	15,554 lb.	11,000 lb.
5 in.	13,700 lb.	10,960 lb.	27,400 lb.	27,400 lb.	23,728 lb.	19,372 lb.	13,700 lb.
6 in.	16,500 lb.	13,200 lb.	33,000 lb.	33,000 lb.	28,578 lb.	23,331 lb.	16,500 lb.
8 in.	22,700 lb.	18,160 lb.	45,400 lb.	45,400 lb.	39,316 lb.	32,098 lb.	22,700 lb.
10 in.	28,400 lb.	22,720 lb.	56,800 lb.	56,800 lb.	49,189 lb.	40,158 lb.	28,400 lb.
12 in.	34,100 lb.	27,280 lb.	68,200 lb.	68,200 lb.	59,061 lb.	48,217 lb.	34,100 lb.

TABLE 2-15
U.S.S. Inch-Pound Units - Class 7 - 2 Ply Slings
 Type V

Sling Width	ENDLESS			2 LEG OR SINGLE BASKET		
	HITCH TYPES			HORIZONTAL ANGLES		
	Vertical	Choker	Vertical Basket	60°	45°	30°
						
1 in.	6,200 lb.	4,960 lb.	12,400 lb.	10,738 lb.	8,767 lb.	6,200 lb.
1½ in.	9,400 lb.	7,520 lb.	18,800 lb.	16,281 lb.	13,292 lb.	9,400 lb.
1¾ in.	10,800 lb.	8,640 lb.	21,600 lb.	18,706 lb.	15,271 lb.	10,800 lb.
2 in.	12,400 lb.	9,920 lb.	24,800 lb.	21,477 lb.	17,534 lb.	12,400 lb.
3 in.	17,600 lb.	14,080 lb.	35,200 lb.	30,483 lb.	24,886 lb.	17,600 lb.
4 in.	22,000 lb.	17,600 lb.	44,000 lb.	38,104 lb.	31,108 lb.	22,000 lb.
5 in.	27,400 lb.	21,920 lb.	54,800 lb.	47,457 lb.	38,744 lb.	27,400 lb.
6 in.	33,000 lb.	26,400 lb.	66,000 lb.	57,156 lb.	46,662 lb.	33,000 lb.
8 in.	42,300 lb.	33,840 lb.	84,600 lb.	73,264 lb.	59,812 lb.	42,300 lb.
10 in.	52,900 lb.	42,320 lb.	105,800 lb.	91,623 lb.	74,801 lb.	52,900 lb.
12 in.	63,500 lb.	50,800 lb.	127,000 lb.	109,982 lb.	89,789 lb.	63,500 lb.

Notes:

- 1) The rated capacities are based on stuffer weave construction webbing with a minimum certified tensile strength of 9,800 pounds per inch of webbing width.
- 2) Rated capacities for Type III and IV slings apply to both tapered and non-tapered eye constructions. Rated capacities for Type V slings are based on non-tapered webbing.
- 3) For Type VI slings and for other sling types, consult the manufacturer for rated capacities.

**ALWAYS CHECK THE IDENTIFICATION TAG TO DETERMINE IF
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