

PWR - POLYESTER ROUND SLINGS

Table 9-6.5.2-1 Rated Load for Single-Leg Polyester Roundslings — Endless and Eye-and-Eye Type

Size	Hitch Type			Horizontal Angle, deg		
	Vertical	Choker	Vertical Basket	60	45	30
	lb	lb	lb	lb	lb	lb
1	2,600	2,100	5,200	4,500	3,700	2,600
2	5,300	4,200	10,600	9,200	7,500	5,300
3	8,400	6,700	16,800	14,500	11,900	8,400
4	10,600	8,500	21,200	18,400	15,000	10,600
5	13,200	10,600	26,400	22,900	18,700	13,200
6	16,800	13,400	33,600	29,100	23,800	16,800
7	21,200	17,000	42,400	36,700	30,000	21,200
8	25,000	20,000	50,000	43,300	35,400	25,000
9	31,000	24,800	62,000	53,700	43,800	31,000
10	40,000	32,000	80,000	69,300	56,600	40,000
11	53,000	42,400	106,000	91,800	74,900	53,000
12	66,000	52,800	132,000	114,300	93,300	66,000
13	90,000	72,000	180,000	155,900	127,300	90,000

GENERAL NOTES:

- (a) Rated loads cited in this Chapter are based on pin diameters shown in WSTDA-WS-1. Pin diameters smaller than these may reduce the rated load of the sling.
- (b) See para. 9-6.3.1.
- (c) Roundslings are identified by the vertical rated load shown on the sling identification. The size numbers in the first column have been adopted by the Web Sling & Tie Down Association to describe certain polyester roundslings. They are included for reference only. Other polyester roundslings may have different vertical rated loads.
- (d) Color guidelines for polyester roundslings covers are widely used to indicate the vertical rated load of roundslings; however, this is not followed by some manufacturers. Always select and use roundslings by the rated load as shown on the sling identification; never by color.
- (e) For choker hitch, the angle of choke shall be 120 deg or greater (See para. 9-6.5.4).

