

Fortis²® Sling

Slings



Fortis² Slings are heavy-lift, multipart slings made with our Unitrex XS Max Wear synthetic cable that has a core of Ultra High Molecular Weight Polyethylene (UHMWPE) fiber encased with neo-prene and a tough braided jacket of high-tenacity polyester. The result is a heavy-lift sling of Unitrex XS that has the durability and stiffness of a wire rope sling at a fraction of the weight.

- 80% lighter than a comparable wire rope sling
- Stiff enough to push under objects
- More durable than traditional fiber slings
- One person able to lift eye to crane hook
- Easy to inspect for damage
- Will not corrode or rust
- Will not soak up water or freeze

Sling Model	Rated Sling Capacity Lbs*			Weight Per Ft Lbs	Standard Eye Size Inches	Minimum Length Feet	Maximum Length Feet
	Vertical	Basket	Choker				
44	28,000	56,000	22,400	0.7	22	7	90
53	35,000	70,000	28,000	0.9	24	8	90
58	46,000	92,000	36,800	1.2	26	9	90
63	58,000	116,000	46,400	1.4	28	10	90
71	68,000	136,000	54,400	1.7	30	11	90
84	100,000	200,000	80,000	2.4	35	13	90
100	128,000	256,000	102,400	3.3	40	15	90
115	160,000	320,000	128,000	4.3	45	17	90
125	202,000	404,000	161,600	5.3	50	19	90
140	250,000	500,000	200,000	6.6	55	21	90
170	338,000	676,000	270,400	9.4	60	24	90
180	397,000	794,000	317,600	10.0	70	27	90
190	461,000	922,000	368,800	11.4	80	29	90
220	550,000	1,100,000	440,000	14.5	90	33	90

*Rated capacity is based on 5:1 Design Factor

Rated Sling Capacity Lbs*

15 Ft Sling	Rated Capacity Vertical Tons	Unit Weight in Lbs	Weight per Rated Ton
Fortis ² Sling	50	44	0.9
9-Part Wire Rope	56	254	4.5
3-Part Wire Rope	46	200	4.4
Grade 80 Chain	36	363	10.1

U.S. Patent No. 9,296,593 B2 – Singapore Patent No. 11201507689 – China Patent No. CN 105209368 – Australia Patent No. 2014239887 AU South Africa Patent No. 2015/07153 – European Patent No. EP 2969881 – Saudi Arabia Patent No. 720

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All Fortis² models come with standard ChafePro HB Series chafe protection for the eye of the sling.

The Chafe Pro® HB Series is constructed of multiple layers of FJORD, Inc.'s specially formulated and designed heavy-duty nylon weaves. Abrasion testing has shown the Chafe-Pro HB Series to be more resistant to chafe abrasion than marine-grade fire hose and chafing gear made from such materials as UHMWPE, Kevlar®, etc.

- Chafe-Pro HB series multi-layer design
- Easily removable for inspection
- Chafe-Pro Shore Grip Technology on inner layer prevents slipping on eye
- Easy latch system for quick opening of the material



Fortis² slings are tagged with the Etiflex tag.



- Ratings and warnings are molded into the tag, not printed
- Excellent abrasion resistance
- Resistant to most solvents and petroleum products
- Excellent UV resistance and all temperature performance
- High-visibility, two-color design
- Labels will not stain or mildew