

FIBER-TECH HPS

HIGH PERFORMANCE LIFTING SLINGS





. **SERVICE SLING** in Houston, TX. is the home base for *FIBER-TECH HPS*, one of the strongest lifting slings in the world.

. Proudly 100% manufactured in the USA with domestic core fibers and a domestic proprietary cover.

. Outstanding strength to weight performance, *FIBER-TECH HPS* easily outperforms all wire-rope slings.

. *FIBER-TECH HPS* uses an incredibly durable primary specification tag along with a 2nd redundant tag located just inside the jacket in the event the original tag is damaged or removed. Pull the high vis yellow tail to access this tag.

. Available in a single core design  5 - 150 tons or a double core design  5 - 500 tons

. No limit on lengths. No limit on capacities. No limit on design criteria. *FTHPS* can meet your requirements.

. *FIBER-TECH HPS* is neutrally buoyant and with an added core fiber can easily become positively buoyant.

. *FIBER-TECH HPS* retains in excess of a 2.5:1 sf including any D/d reduction even if ½ the core fibers are damaged.

. Each *FIBER-TECH HPS* comes with 2 heavy duty removable contact protection pads.

. Each *FIBER-TECH HPS* is proof tested prior to shipping for your assurance.

Shown below is the cut and pinch test at 100,000 lbs. No damage to cover.



FT-HPS RC100,000 lbs. shown below cut under 100,000 lb. load. No recorded load deviation.



Neutral to positive buoyancy



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SERVICE SLING / Clay Myers chose DSM- Dyneema provide the critical **FTHPS** core fibers. Dyneema meets our requirements for stable high performing HMPE core fibers for our **FIBER-TECH HPS** slings. DSM offers more than just high-capacity fibers. Their commitment to consistently providing an outstanding level of high performing stable fibers is very important to the **FTHPS** overall performance. Understand more about core fibers at this link. → https://www.dsm.com/dyneema/en_GB/applications/ropes-lines-slings-chains/lifting-slings.html

FIBER-TECH HPS uses the best high-performance core fibers available. **FTHPS** Is a premium high performance endless round sling offering incredible high capacities and outstanding long-term stability. Our USA made premium textured 4mm double wall textured nylon jacket offers excellent cut and abrasion resistance protect the core fibers. Plus, in some application we've add additional inner layers of Polyester, Nomex, or Kevlar offering even more protection for the core fibers.

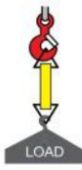

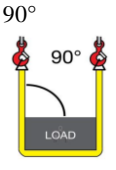
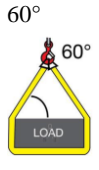
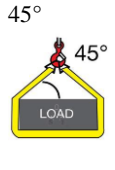



- Proprietary core fibers manufactured from Dyneema HMPE (High-Modulus Poly Ethylene)
- Very light weight - 8x lighter than steel wire for a given strength
- High strength - 70% stronger than steel wire for a given weight
- Low stretch - good resistance to chemicals and UV, zero water shrinkage
- .06 density of water provides an almost neutrally buoyant sling
- Design, engineering and manufacturing of the sling is backed by testing.
- **FTHPS** have been designed and tested to exceed the optimum 5:1 industry safety standard.

Quality Management System. **FTHPS QMS** This is our manufacturing guide. The **QMS** specifically tracks everything.

- Each spool of **Dyneema®** yarn is recorded from the time it is ordered to the completion of that spool of yarn.
- Each foot of our proprietary **FIBER-TECH HPS®** jacket and even the domestic sewing thread is recorded.
- We've specifically trained the best operators to manufacture the **FIBER-TECH HPS®** sling. Each operator is documented with a specific code that is additionally recorded into the **FTHPS QMS**.
- Additional steps in quality control require each sling is inspected by the floor manager before it's sewn closed and before it's shipped.
- All the recorded numbers associated with the raw materials are recorded with the serial number of each **FIBER-TECH HPS®** sling.
- The heavy-duty tag is a durable bondable polyester material that is double laminated with a UV resistant vinyl.
- An additional tag is sewn in just inside the jacket connection seem in the event the original external tag is damaged at any time. Retrievable by pulling a hi vis yellow loop.
- 2 abrasion resistant wear pads are included with every **FIBER-TECH HPS®** sling.
- Capacities to 500 tons and lengths un-limited
- Track your sling at www.servicesling.com
- To become a distributor, contact **SERVICE SLING**. info@servicesling.com
- Mod# **FTxxxSC** (A SINGLE CORE HIGH PERFORMANC ENDLESS ROUND SLING) RC to 150 TONS
- Mod# **FTxxxDC** (A DUAL CORE HIGH PERFORMANCE ENDLESS ROUND SLING) RC to 500 TONS
- Mod# **FTHPS-X** (A SPECIFICALLY DESIGNED SLING PER END USER REQUIREMENTS

Below we offer the "I" model which uses quality import fibers at a lower cost. Does not include proof testing.

- Mod# **FTxxxSC-I** (A SINGLE CORE HIGH PERFORMANC ENDLESS ROUND SLING) RC to 150 TONS
- Mod# **FTxxxDC-I** (A DUAL CORE HIGH PERFORMANCE ENDLESS ROUND SLING) RC to 500 TONS

MOD#	VERTICAL CAPACITY	CHOKER CAPACITY	BASKET CAP. @ 90°	BASKET CAP. @ 60°	BASKET CAP. @ 45°	MIN. PIN DIAM.	APPROX. SLING WIDTH @ LOAD	APPROX. SLING WEIGHT PER FT.	OUTER JACKET FIBER
FTHPS-SC									PA-6 NYLON
FTHPS-DC									
FTHPS-X									
FTHP10	10,000	8,000	20,000	17,320	14,100	1.00	1.000	1.75	0.25
FTHPS15	15,000	12,000	30,000	25,980	21,000	1.15	1.125	2.00	0.30
FTHPS20	20,000	16,000	40,000	34,640	28,000	1.25	1.250	2.25	0.45
FTHPS25	25,000	20,000	50,000	43,300	35,000	1.40	1.375	2.25	0.50
FTHPS30	30,000	24,000	60,000	51,960	42,000	1.66	1.500	2.60	0.58
FTHPS40	40,000	32,000	80,000	69,280	56,000	2.0	1.500	3.50	0.95
FTHPS50	50,000	40,000	100,000	86,600	70,000	2.0	1.750	3.50	0.95
FTHPS60	60,000	48,000	120,000	103,920	84,000	2.00	2.000	4.00	1.10
FTHPS70	70,000	56,000	140,000	121,240	98,000	2.40	3.500	4.00	1.30
FTHPS80	80,000	64,000	160,000	138,560	113,000	2.40	4.500	4.00	1.30
FTHPS90	90,000	72,000	180,000	150,300	126,900	2.40	5.500	4.25	1.55
FTHPS100	100,000	80,000	200,000	173,200	141,400	2.40	6.500	4.50	1.80
FTHPS125	125,000	100,000	250,000	216,500	176,000	3.15	6.500	5.00	2.20
FTHPS150	150,000	120,000	300,000	259,800	210,000	3.15	6.500	5.25	2.60
FTHPS175	175,000	140,000	350,000	303,100	240,000	3.15	6.500	7.00	3.10
FTHPS200	200,000	160,000	400,000	346,400	280,000	3.50	7"	7.25	3.45
FTHPS225	225,000	180,000	450,000	262,130	315,200	3.50	7-8"	Inquire	4.80
FTHPS250	250,000	200,000	500,000	433,000	350,000	3.50	7-9"	Inquire	5.45
FTHPS275	275,000	220,000	550,000	476,300	388,850	4.00	8-10"	Inquire	5.95
FTHPS300	300,000	240,000	600,000	519,600	424,200	5.25	10-12"	Inquire	6.85
FTHPS400	400,000	320,000	800,000	692,800	565,600	5.25	12-14"	Inquire	6.85
FT500DC	500,000	400,000	1,000,000	866,000	707,000	5.25	12-14"	Inquire	6.85

FIBER-TECH HPS is a product of **SERVICE SLING INC.** mfg. at **MYERS DESIGN & MFG.** Houston, TX. USA

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MYERS/BTH-GEAR EQUALIZER BLOCKS FOR ENDLESS FLAT WEB, ROUND SLINGS & ROPE GROMMETS

MODEL	RATED CAP.	APPROX WT.	DRUM DIAM.	DRUM WIDTH	SHACKLE REQ.	TOD-YOKE
EB35T	35 TONS	125 LBS	4.00"	4.50"	35 TONS	9"
EB55T	55 TONS	165 LBS	6.00"	6.50"	50/55 TONS	12"
EB125T	125 TONS	275 LBS	7.00"	8.00"	120/125 TONS	14"
EBXXXX						

55t CROSBY Bts (typ)

PART NAME: SLING EQUALIZER BLOCK
 MOD#: EB55T-SC
 RATED CAPACITY: 55 TONS
 APPROXIMATE WEIGHT: 200 LBS

55t BOLT TYPE SHACKLE

SHACKLE POSITION A

SHACKLE POSITION B

	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TO BE ROUNDED TO THE NEAREST FRACTIONAL INCH. ANGULAR DIMENSIONS SHALL BE TO TWO PLACES DECIMAL. THERE SHALL BE THREE PLACES DECIMAL.	DRAWN	NAME	DATE	
		CHECKED			TITLE
		ENG. APPR.			SLING EQUALIZER BLOCK
		MFG. APPR.			RATED CAPACITY: 55 TONS
					APPROXIMATE WT: 200 LBS
					SCALE: 1:2 WEIGHT: SHEET 6 OF 8

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55t BOLT TYPE SHACKLE

PART NAME: SLING EQUALIZER BLOCK
 MOD#: EB55T-SC

WIRE ROPE GROMMET MODEL

RATED CAPACITY: 55 TONS
 APPROXIMATE WEIGHT: 165 LBS

WIRE ROPE GROMMET