

Our production and test equipment

About us

THSE, a leader in its field, began business in 2023 as a part of HOATER Group. With 12 years of R&D experience, the HOATER Group has become an industry leader in high-altitude work safety, rope work, outdoor rescue, mountaineering equipment, etc. As a national high-tech enterprise, it holds over 200 CE certification, 12 IMA certification, 2 invention patents, and 12 utility model patents.

HOATER Rope concentrates its knowledge and experience in three main areas of activity: the production of high-tech climbing rope and safety & rescue cordage, safety at work training and consulting services.

Since being fully aware of the dimension of social responsibility attached to the sector, the company obtains national and international certificates for all products that are developed and manufactured.

Modern production facilities enable THSE to develop products for every customer requirement. Special coating developed by THSE minimizes the abrasion of high-quality fiber ropes and UV radiation resistance.

*Hates production facilities enable THSE to develop products for every customer requirement. Special coating developed by THSE minimizes the abrasion of high-quality fiber ropes and UV radiation resistance.

*The thermal processes optimize the elongation and tensile strength of the ropes.

Our quality management system ensures the high level of the quality for all THSE customers. There are the reasons that manufacturers and end users choose HOATER Ropes as a brand they can trust.

PERFORMANCE

HOATER ROPES

TECHNOLOGY

Applications: Balays | Sheets | Gays | Roofing lines | Runner-tails | LYON HOATER RPS HOATER PPC

Features: HT-PERD10 ropes with a 12 strand treated UHMWPE core, covered by Technoane and Polyester for protection from abrasion and heat.

Reference	Diameter mm	Breaking strength kg	Length of spool m
PRE1008	8	4500	200
PRE1010	10	6000	200
PRE1012	12	8500	200
PRE1014	14	12000	150
PRE1016	16	15000	100

Cover: Technoane® Polyester
Core: UHMWPE 12-Plated pre-stretched
Construction: 12-plated
Material: high-strength Polyester

PERFORMANCE

HOATER ROPES

LYON

Applications: Balays | Sheets | Gays | Control lines | Roof lines | Runner-tails | Yang

Features: HT-PERD10 is an extremely light and durable high-performance rope with Technoane and Polyester for protection from abrasion and heat.

Reference	Diameter mm	Breaking strength kg	Length of spool m
PRE2005	5	1400	260
PRE2006	6	2100	200
PRE2008	8	3600	200
PRE2009	9	4500	200
PRE2010	10	5300	200
PRE2011	11	6500	200
PRE2012	12	9000	200
PRE2014	14	11000	150

Cover: Polyester
Core: UHMWPE 12-Plat pre-stretched
Construction: 12-plated
Material: high-strength Polyester

CRUISING

HOATER ROPES

TECHNOLOGY

Applications: Sheets | Control lines | Gays | General purpose

Features: HT-CRU10 is high strength, low stretch, and extremely durable. It will remain soft over time. It is both easy to handle and quiet.

Reference	Diameter mm	Breaking strength kg	Length of spool m
CRU1006	6	1100	200
CRU1008	8	1800	200
CRU1010	10	2500	200
CRU1011	11	3000	200
CRU1012	12	3500	200
CRU1014	14	4500	150
CRU1016	16	6000	100

Cover: High-strength Polyester
Core: High-tensile braided Polyester
Construction: (HTPC) 6-1mm 10-plated 12mm and up 20/24-plated
Material: high-strength Polyester

CRUISING

HOATER ROPES

LYON

Applications: Balays | Sheets | Control lines | Gays | Roofing lines | Yang | Furlers

Features: HT-CRU20 is a very resistant, extremely versatile premium quality rope. It is available in a braided or twisted construction.

Reference	Diameter mm	Breaking strength kg	Length of spool m
CRU2006	6	800	200
CRU2008	8	1600	200
CRU2010	10	2500	200
CRU2012	12	3500	200
CRU2014	14	4500	150
CRU2016	16	5000	100

Cover: High-strength Polyester
Core: High-tensile braided Polyester
Construction: (HTPC) 1:1-plated
Material: high-strength Polyester

DINGHY

HOATER ROPES

TECHNOLOGY

Applications: Balays | Sheets | Control Lines | Kickers | Out/Downhulls | Backstays

Features: HT-DING10 combines all of the best characteristics with extreme low stretch. The core is coated and typically treated with HOATER RPS.

Reference	Diameter mm	Breaking strength kg	Length of spool m
DIN1002	2	280	200
DIN1003	3	450	200
DIN1004	4	620	200
DIN1005	5	1000	200
DIN1006	6	1700	200
DIN1008	8	2700	200

Cover: High-strength Polyester
Core: UHMWPE 12-Plated pre-stretched
Construction: 16-plated
Material: high-strength Polyester

DINGHY

HOATER ROPES

LYON

Applications: Balays | Sheets | Control Lines | Kickers | Out/Downhulls | Backstays

Features: HT-DING20 is ideal for use in dinghies and multihulls. Superior high grip, extremely durable, perfect for cleat. The professional's choice.

Reference	Diameter mm	Breaking strength kg	Length of spool m
DIN2004	4	400	200
DIN2005	5	650	200
DIN2006	6	900	200

Cover: High-strength Polyester
Core: UHMWPE 12-Plated pre-stretched
Construction: 16-plated
Material: high-strength Polyester

DOCK&ANCHOR LINE

HOATER ROPES

TECHNOLOGY

Applications: dock lines | anchor lines | mooring lines | General purpose

Features: HT-DAL10 has superb handling and the largest assortment of colors on the market. Available by the spool or in packages. Fully resistant to UV, abrasion, and salt.

Reference	Diameter mm	Breaking strength kg	Length of spool m
DAL1004	4	400	200
DAL1005	5	650	200
DAL1006	6	900	200

Cover: High-strength Polyester
Core: High-tensile braided Polyester
Construction: 16-plated
Material: high-strength Polyester

DOCK&ANCHOR LINE

HOATER ROPES

LYON

Applications: dock lines | anchor lines | mooring lines | General purpose

Features: HT-DAL20 is a traditional low stretch running rigging, continuous filament 3-strand polyester rope. Classic profile, resistant to abrasion, with low stretch and high strength.

Reference	Diameter mm	Breaking strength kg	Length of spool m
DAL2010	10	1500	200
DAL2012	12	2100	200
DAL2013	14	2700	150
DAL2015	16	3600	100
DAL2018	18	4500	100
DAL2020	20	5200	100

Cover: High-strength Polyester
Construction: 3-strand, heat-set
Material: high-strength Polyester

HOATER ROPES

DOCK&ANCHOR LINE

TECHNOLOGY

Applications: anchor lines

Features: HT-DAL20 is a traditional low stretch running rigging, continuous filament 3-strand polyester rope. Classic profile, resistant to abrasion, with low stretch and high strength.

Reference	Diameter mm	Breaking strength kg	Length of spool m
DAL2012	12	2600	200
DAL2014	14	3300	150
DAL2016	16	4100	100
DAL2018	18	5000	100
DAL2020	20	6000	100

Material: high-strength Polyester
Construction: 8-plated Octoplat
Material: high-strength Polyester

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SAILMAKER

TECHNOLOGY

Applications: Isech line

Features: HT-SAI10 is a Super, easy handling square-based mooring or anchor line 100% high-tensile Polyester. 100% knot-free, easy to splice and easy to clean.

Reference	Diameter mm	Breaking strength kg	Length of spool m
SAI1003	3	500	200
SAI1004	4	750	200
SAI1005	5	1000	200
SAI1006	6	1500	200

Cover: High-strength Polyester
Core: Braided
Construction: 3-1mm 10-plated 4-1mm 20-plated
Material: high-strength Polyester

HOATER ROPES

SAILMAKER

TECHNOLOGY

Applications: Stock Cord

Features: HT-SAI20 is a Super, easy handling square-based mooring or anchor line 100% high-tensile Polyester. 100% knot-free, easy to splice and easy to clean.

Reference	Diameter mm	Breaking strength kg	Length of spool m
SAI2003	3	50	100
SAI2004	4	100	100
SAI2005	5	150	100
SAI2006	6	200	100
SAI2008	8	250	100
SAI2010	10	300	100
SAI2012	12	380	100

Cover: High-strength Polyester
Core: pre-stitch
Construction: 3-1mm 10-plated 4-1mm 20-plated
Material: high-strength Polyester

HOATER ROPES

EQUIPMENTS

TECHNOLOGY

Applications: Juff line | Isech line

Features: HT-SAI30 is a Spiral plated Polyester Cord. It is perfect for marine environments, and is completely resistant to salt and resistant to moisture, oil, gasoline, and virtually all other chemical abrasives that might exist on your boat or on the dock.

Reference	Diameter mm	Breaking strength kg	Length of spool m
SAI3003	3	130	200
SAI3004	4	220	200
SAI3005	5	330	200
SAI3006	6	450	200
SAI3008	8	750	200

Cover: High-strength Polyester
Core: Glassless
Construction: solid braid
Material: high-strength Polyester

HOATER ROPES

EQUIPMENTS

TECHNOLOGY

Applications: Water Rescue Line

Features: Water Rescue Rope is a double braid that features a polypropylene cover with a UHMWPE core. This extremely strong and versatile rope has a good feel and high visibility cover. Designed to be light, strong, and easily packable.

Reference	Diameter mm	Breaking strength kg	Length of spool m
TH-W006	6	1130	200
TH-W008	8	1800	200
TH-W010	10	2100	200

Cover: WP
Core: UHMWPE
Construction: 16-plated
Material: high-strength Polyester

HOATER ROPES

EQUIPMENTS

TECHNOLOGY

Applications: Aramid Escape Lines

Features: Aramid Escape Line is designed as a heat-resistant rope and comes with an aramid core. Contrary to polyester and nylon, aramid is highly resistant to heat and resistant to moisture, oil, gasoline, and virtually all other chemical abrasives that might exist on your boat or on the dock.

Reference	Diameter mm	Breaking strength kg	Length of spool m
TH-E008	8	2500	200
TH-W105	10.5	3200	200
TH-W110	11	4000	200

Cover: Technoane®
Core: high-strength Polyester
Construction: 20-plated
Material: high-strength Polyester

HOATER ROPES

EQUIPMENTS

TECHNOLOGY

Applications: Water Rescue Line

Features: Water Rescue Rope is a double braid that features a polypropylene cover with a UHMWPE core. This extremely strong and versatile rope has a good feel and high visibility cover. Designed to be light, strong, and easily packable.

Reference	Diameter mm	Weight	Breaking Strength(kN)	Material	Length	€	CE
THF204	4.0	10.4	4.4	5.5	6.7	PK	200
THF205	5.0	13.7	5.6	6.1	8.4	PK	200
THF206	5.5	16.0	9.8	6.7	15.9	UHMWPE	EN 966:2023
THF207	6.0	23.4	8.9	8.3	12.1	PK	200
THF208	7.0	33.2	11.9	12.3	17.2	PK	200
THF208	8.0	40.2	14.4	15.1	19.9	PK	200

Material: high-strength Polyester
Core: UHMWPE
Construction: 16-plated
Material: high-strength Polyester

HOATER ROPES

EQUIPMENTS

TECHNOLOGY

Applications: Water Rescue Line

Features: Water Rescue Rope is a double braid that features a polypropylene cover with a UHMWPE core. This extremely strong and versatile rope has a good feel and high visibility cover. Designed to be light, strong, and easily packable.

Reference	Size	Legs cm	Waist cm	Height cm	Max Load	EN 358	EN 361	EN 813
HT-331Q	XL	45-65	70-110	170-185	140kg	✓	✓	✓
	ML	60-75	80-130	180-195		✓	✓	✓

Cover: Technoane®
Core: high-strength Polyester
Construction: 20-plated
Material: high-strength Polyester

HOATER ROPES

EQUIPMENTS

TECHNOLOGY

Applications: Water Rescue Line

Features: Water Rescue Rope is a double braid that features a polypropylene cover with a UHMWPE core. This extremely strong and versatile rope has a good feel and high visibility cover. Designed to be light, strong, and easily packable.

Reference	Material	Volume	Size	Weight
HT-8095S	Nylon	55L	75x25x30cm	2785g

Material: high-strength Polyester
Core: UHMWPE
Construction: 20-plated
Material: high-strength Polyester

HOATER ROPES

EQUIPMENTS

TECHNOLOGY

Applications: Water Rescue Line

Features: Water Rescue Rope is a double braid that features a polypropylene cover with a UHMWPE core. This extremely strong and versatile rope has a good feel and high visibility cover. Designed to be light, strong, and easily packable.

Reference	Material	Volume	Size	Weight
HT-8093B	Nylon	38L	55x25x30cm	2333g

Material: high-strength Polyester
Core: UHMWPE
Construction: 20-plated
Material: high-strength Polyester

PRODUCT BROCHURE