



THREAD



NINGBO MH THREAD MANUFACTURING CENTER

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Catalog-01



NINGBO MH



About Us

www.mhthread.com

NINGBO MH THREAD MANUFACTURING CENTER, has focused on sewing thread and embroidery thread manufacturing for 12 years. Now MH has three industry zones with 120,000m² plant area, 1900 workers, and equipped with high-standard machines and strict manufacturing management system, we can supply our 1000 customers all over the world, with superior quality products and high reliability service.

SEWING THREAD INDUSTRY

MH Sewing Thread Industry producing process including yarn spinning, dyeing, winding, packing, annual producing capacity is 30000+ ton. Our products include various kinds of threads, like spun and corespun polyesters, bonded nylon and waxed polyester thread, available in different sizes and specifications to meet all customers' need. MH sewing thread supplies different products for global manufacturers of clothes, bedding, carpet, home fashion, industry, packaging and so on, being widely accepted by worldwide customers with superior quality at competitive prices.

EMBROIDERY THREAD INDUSTRY

MH Embroidery Thread Industry has a complete set of production line for spinning, dyeing, winding and shaping, which ensures high-efficient and high-quality mass production for rayon embroidery thread and polyester embroidery thread. Our annual producing capacity is 10000+ ton. We can provide High tenacity, few knots, good color fastness, soft hand feeling products for customers.

Both MH sewing thread and embroidery thread, there are 400 colors available, small qty order is acceptable. Just tell us your application and your need, we can provide you with the proper thread and expert advice. With a constant effort on innovation, we will deliver not only the best thread to our customers, but we will combine our products with the best customer service.

Sewing Thread



Bobbin Winder



Automatic dryer



High Temperature/High Pressure Dyeing Machine



Ordinary pagoda winding machine



High Speed Winding Machine



MH Sewing Thread including: Spun Polyester Sewing Thread, Poly/Poly Core Sewing Thread, Cotton/ Poly Core Sewing Thread, Polyester Texture Yarn, Spun Polyester Bag Closing Thread, 100% Polyester High Tenacity Thread, Nylon High Tenacity Thread, 100% Nylon Bond Thread.

Count: 15/2, 20/2, 20/3, 20/6, 30/2, 30/3, 40/2, 40/3, 50/2, 50/3, 60/2, 60/3, 80/2, etc.

Color: color card with 400 colors for choosing, and small qty order acceptable Annual producing capacity: 30000+ ton.

MH Sewing Thread Industry starts production from raw yarn, through the process of spinning, dyeing, winding, packing and testing, working shop is around 100,000 m², with 1500 skillful workers.

Spun Polyester Sewing Thread

Product introduction

Spun Polyester sewing thread is dyed under 130 high temperature, has sun-resistant, anti-chemical degradation feature, is widely used on industry sewing machine and home sewing machine.

Product features

Minimise Seam Puckering / High Resistance to Abrasion / Excellent Seam Strength & Appearance / Excellent Colour Fastness / Suitable for High Speed Sew / Minimise Skipped Stitches / High Productivity / Chemical Resistance / Extensive Colour Range



Suitable for normal garment, including woven and knitting fabric

Product Technical Data

Tex (T)	Tickets Size (TKT)	Cotton Count (s)	Average Strength (cN)		Elongation Min-Max (%)	Recommended Needle Size	
			(g)	(g)		Singer	Metric
18	180	60/2	666	680	12-16	9-11	65-75
24	—	50/2	850	867	12-16	9-11	65-75
30	120	40/2	1020	1041	13-17	11-14	75-90
30	120	60/3	1076	1098	12-16	12-14	75-90
40	80	29/2	1408	1437	13-17	14-18	90-110
45	75	40/3	1561	1593	12-16	14-18	90-110
60	50	20/2	2081	2123	13-18	16-19	100-120
80	30	20/3	3178	3243	13-18	18-21	110-130

Remarks:

1. Recommended needle size is just for reference, user should adjust according to sewing material and usage.
2. Technical information listed above is based on current average and should be taken only as indication before the final usage.



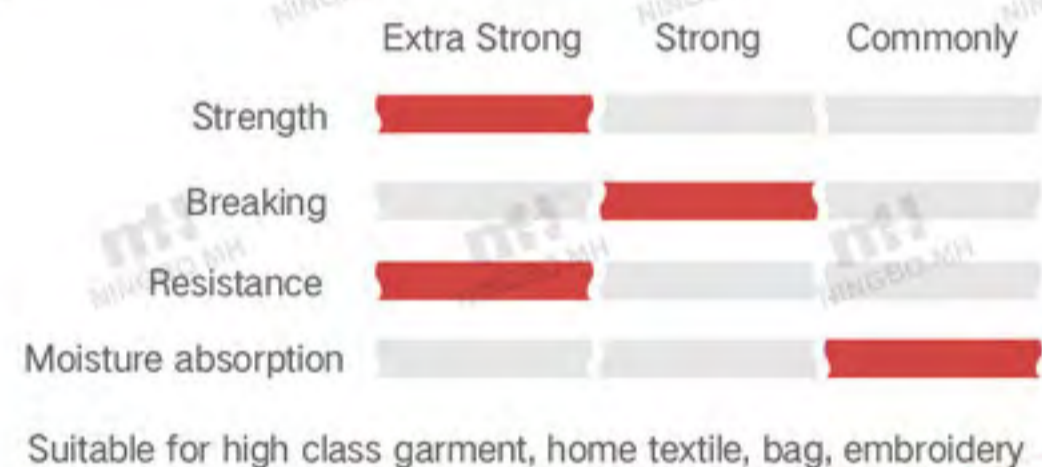
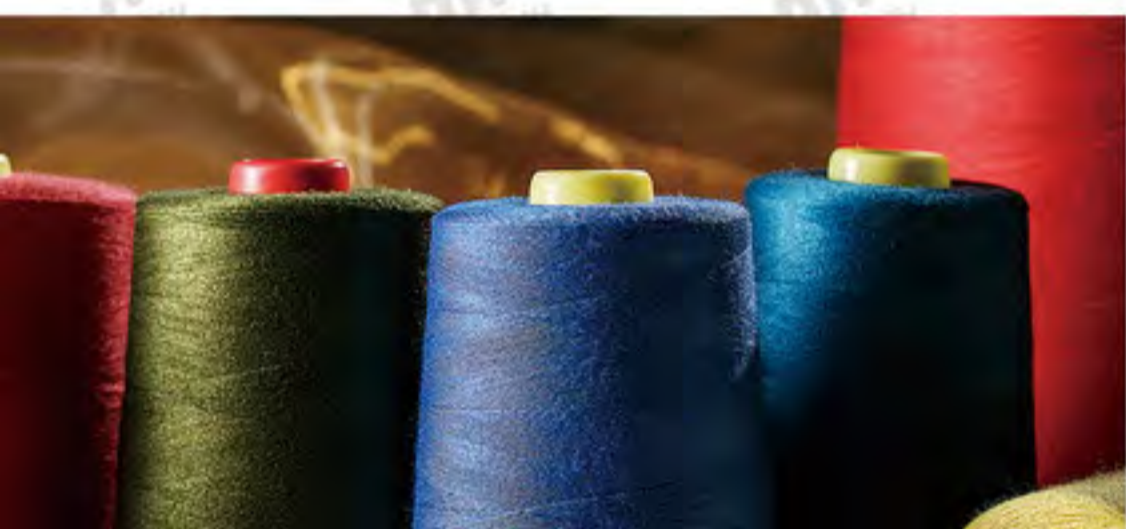
Poly/Poly Core Sewing Thread

Product Introduction

Poly/Poly core sewing thread is polyester filament combined with polyester spun yarn core, has great abrasion-resistant feature, with less break rate, is idea choice for making jeans and work clothes.

Product features

Excellent Strength Tenacity / High Resistance to Abrasion / Chemical Resistance / Excellent Seam Strength & Appearance / Minimise Skipped Stitches / High Productivity / Minimise Seam Puckering / Excellent Colour Fastness / Extensive Colour Range



Product Technical Data

Tex (T)	Tickets Size (TKT)	Cotton Count (s)	Average Strength		Elongation Min-Max (%)	Recommended Needle Size	
			(cN)	(g)		Singer	Metric
18	180	69/2	780	796	17-22	9-11	65-75
21	150	50/2	980	1000	17-22	9-11	65-75
24	120	45/2	1190	1214	17-22	10-14	70-90
30	100	35/2	1490	1520	17-22	11-14	75-90
40	80	29/2	1780	1816	18-24	11-14	75-90
40	80	45/3	1960	2000	18-24	11-14	75-90
60	50	18/2	3040	3102	18-25	16-19	100-120
60	50	29/3	3530	3602	18-25	16-19	100-120
80	40	15/2	3940	4020	18-25	16-19	100-120
105	30	12/2	4790	4888	18-25	18-21	110-130
120	25	15/3	6080	6204	18-25	19-21	120-140

Remarks:

1. Recommended needle size is just for reference, user should adjust according to sewing material and usage.
2. Technical information listed above is based on current average and should be taken only as indication before the final usage.



Cotton / Poly Core Sewing Thread

Product introduction:

Cotton/Poly core sewing thread is cotton yarn combined with polyester filament core, has excellent seam strength with cotton appearance, could resist burnt for high speed sewing, is first choice for making cotton products.

Our thread products include: 100% Spun Polyester sewing thread, 100% Spun Polyester (two for one) sewing thread, 100% Poly/Poly core spun sewing thread, 100% Cotton / Poly core spun sewing thread, 100% Gassed & Mercerized Cotton Sewing Thread, 100% Polyester Textured Over edging Sewing Thread, 100% Polyester High Tenacity Filament Sewing thread, 100% Triloba polyester embroidery thread, Metallic thread, Habadasher sewing thread, 100% Cotton embroider thread.

Product Features

Excellent Seam Strength & Appearance / Cotton Look after Washing / High Productivity / Minimise Seam Puckering & Skipped Stitches / Excellent Softness / Extensive Colour Range



Suitable for cotton product, washed Jeans, home textile.

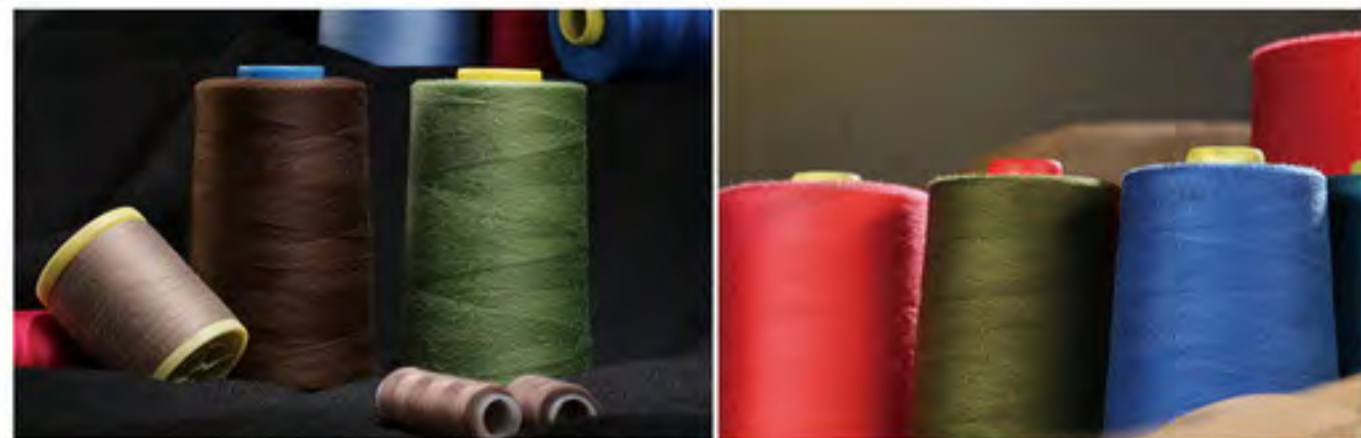
Product Technical Data

Tex (T)	Tickets Size (TKT)	Cotton Count (s)	Average Strength		Elongation Min-Max (%)	Recommended Needle Size	
			(cN)	(g)		Singer	Metric
24	120	60/2	1039	1059	17-23	10-14	70-90
40	75	28/2	1862	1899	18-24	14-18	90-110
60	50	18/2	2842	2898	17-23	16-19	100-120
60	50	29/3	3038	3098	17-23	16-19	100-120
80	36	15/2	3528	3598	18-24	18-21	110-130
105	30	12/2	3724	3797	17-23	18-21	110-130

Remarks:

1. Recommended needle size is just for reference, user should adjust according to sewing material and usage.
2. Technical information listed above is based on current average and should be taken only as indication before the final usage.

Sewing Thread Usage and Packing



Suitable for application

- 20s/2 : Jeans, shoes, caps, leather products. etc
- 20s/3 : Jeans, shoes, handbags, leather products. etc
- 20s/4 : packing bags, leather products, handbags, shoes, etc
- 20s/6 : canvas
- 20s/9 : Jeans, leather products, handbags
- 30s/2 : suits, bedcover, bedsheet, sportswear, notions, sewing craft and notions, etc
- 30s/3 : Tents, jeans, leather products, shoes, caps, baby clothes, ect
- 40s/2 : suits, bedcover, bedsheet, sportswear, notions, sewing craft and notions, etc
- 40s/3 : heavy quilt bedcover, glove, toys, protective clothing, sewing craft and notions,, shoes, etc
- 50s/2 : Knitted garments, blouses, suit-dress, silks, underwear, etc
- 60s/2 : Knitted garments, suit-dress, over lock thread, handkerchief, underwear, etc
- 60s/3 : Knitted garments, fashionable dress, suit-dress, sportswear, sewing craft and notions, etc
- 80s/3 : high quality shirt and national dress

Standard Packing

Specification	Length	Quantity per Carton	40 "HFCL/68m3
60s/2	5000Y	120PCS/10BOX	13250DOZ
50s/2	5000Y	120PCS/10BOX	11100DOZ
40s/2	4000Y	120PCS/10BOX	12500DOZ
40s/2	5000Y	120PCS/10BOX	11100DOZ
29s/2	5000Y	120PCS/10BOX	7590DOZ
40s/3	5000Y	120PCS/10BOX	9000DOZ
20s/3	5000Y	60PCS/10BOX	4350DOZ

Washing Color Fastness

Temper Ature (°C)	Time (min.)	ECE Detergent (g/l)	Liguor Volume (ml)	Sodium Perborate (g/l)	Steel Balls	Colour Change/ Staining
50	30	4	150	1	25	Grade4

Remarks:

1. Technical information listed above is based on current average and should be taken only as indication before the final usage.



Spun Polyester Bag Closing Thread

Product introduction

Made of spun polyester fiber, has high resistance to abrasion/corrosion/acid, mostly used for packing bag seam sewing for woven bag/paper bag/sacks, etc.

Count and yarn could be choosed based on customer need, 9s, 10s, 12s, 15s, 20s, 30s; 3-9 ply.

Normally packed with 1KG, 2KG, 4KG, 5KG, 10Kg big cone, or small cone less than 250g.

Product features

High Resistance to Abrasion / Excellent Seam Strength & Appearance / Chemical Resistance / without knot / High Productivity / Economical



Polyester Texture Yarn

Product introduction

made of draw texturing yarn, has soft and high elastic feature, with twisting or without mostly used as overlock thread.

Product features

Excellent Seam Coverage / Good Elastic Property / Extensive Colour Range, High Productivity / Chemical Resistance / Economical

Den	Tex (T)	Ticket	Usage
150D/1	18	160	Normal fabric overlock
200D/1	21	110	Middle thick fabric overlock
150D/2	35	80	Heavy thick fabric overlock
300D/1	35	80	Heavy thick fabric overlock

Suitable for T-shirt, swimming suit, spandex garment, underwear, sports suit



High Tenacity Sewing Thread

High Tenacity Sewing Thread including: 100% Polyester High Tenacity Thread、Nylon High Tenacity Thread、100% Nylon Bond Thread

Suitable Application

Polyester high tenacity thread	Nylon High Tenacity Thread	Nylon Bond Thread
Formal Tailoring	Leather Goods	Leather Goods
Quilting	Footwear	Shoes
Footwear	Suitcase & Bag	Suitcase & Bag
Leather Goods	Sports Goods	Sports Goods
Bedding/Mattress	Outdoor Goods	Outdoor Goods
Blind Stitching	Upholstery	Indoor Soft Decoration
Upholstery	---	Automotive Chair
Industrial Products	---	Airbag

Remarks:

1. Recommended needle size is just for reference, user should adjust according to sewing material and usage.
2. Technical information listed above is based on current average and should be taken only as indication before the final usage.

Washing Color Fastness

Temper Ature (°C)	Time (min.)	ECE Detergent (g/l)	Liguor Volume (ml)	Sodium Perborate (g/l)	Steel Balls	Colour Change/ Staining
50	30	4	150	1	25	Grade4

100% Polyester High Tenacity Sewing Thread



Product introduction

Made of polyester high tenacity filament, has excellent tensile strength, uneasily broken.

Suitable for application

Formal Tailoring / Quilting / Footwear / Leather Goods / Bedding/mattress / Blind Stitching / Upholstery / Industrial Products

Product features

Gentle Luster / Excellent Seam Strength & Appearance / High Productivity、Extensive Colour Range / High Chemical Resistance

Specifications & Reference technical data

Denier	PLY	Tex (T)	Tickets Size	Average Strength (kg)	Elongation Min-Max (%)	Recommended Needle Size		Application
						Singer	Metric	
100D	3	35	80	≥ 2.0	15-21	9-11	65-75	Light Weight
150D	2	35	80	≥ 2.0	15-21	9-11	65-75	Light Weight
150D	3	50	60	≥ 3.0	16-22	10-12	70-80	Medium Weight
210D	2	50	60	≥ 2.8	16-22	10-12	70-80	Medium Weight
210D	3	70	40	≥ 4.2	17-23	13-16	85-100	Medium Weight
250D	3	80	30	≥ 5.0	18-23	16-19	100-120	Heavy Weight
420D	3	135	20	≥ 8.4	18-24	18-21	110-130	Extra Heavy Weight

Remarks:

1. Recommended needle size is just for reference, user should adjust according to sewing material and usage.
2. Technical information listed above is based on current average and should be taken only as indication before the final usage.

Nylon High Tenacity Sewing Thread

Product introduction

Nylon high tenacity thread, made of no.6.6 or no.6 nylon fiber, has excellent seam appearance and high resistance to abrasion.

Product features

High Tenacity / Good Durability / Excellent Seam Strength & Appearance / High Productivity / Gentle Luster / Extensive Colour Range

Suitable for application

Leather Goods / Footwear / Suitcase & Bag / Sporting Goods / Outdoor Goods / Upholstery



Nylon Bond Thread



Product introduction

Polyamide 6.6 synthetic fibre, popular name Nylon 6.6 or 6 synthetic fibre, through special process to bonded inside while twisting the yarn, then sticking and finalize all fiber together like one, while sewing, the bonded thread does not disintegrate, not cottony, high resistance to abrasion. The sewing effect is very wonderful due to the advantage of nylon material and the effectual disposal of lubricant.

Product features

Excellent Tenacity / Good Durability / Lowly Elongation / High Waterproof Property / Loose Strands Prevented / Excellent Seam Strength & Appearance / High Productivity / Gentle Luster / Extensive Colour Range

Suitable for application

Leather Goods / Shoes / Suitcase & Bag / Sports Goods / Outdoor Goods / Indoor Soft Decoration / Automotive Chair / Airbag



Product features

Denier	PLY	Tex (T)	Tickets Size	Average Strength (kg)	Elongation Min-Max (%)	Recommended Needle Size		Application
						Singer	Metric	
100D	3	35	80	≥ 2.0	18-28	9~12	65~80	Light Weight
138D	3	45	80	≥ 2.7	18-28	10~12	70~80	Light Weight
210D	3	70	60	≥ 4.2	19-28	14~19	90~100	Medium Weight
280D	3	90	60	≥ 5.6	20-30	18~19	110~120	Medium Weight
420D	3	135	40	≥ 8.4	24-32	18~21	110~130	Medium Weight
630D	3	210	30	≥ 12.5	25-32	21~23	130~160	Heavy Weight

Remarks:

1. Recommended needle size is just for reference, user should adjust according to sewing material and usage.
2. Technical information listed above is based on current average and should be taken only as indication before the final usage.

Specifications & Reference technical data

Denier	PLY	Tex (T)	Tickets Size	Average Strength (kg)	Elongation Min-Max (%)	Recommended Needle Size		Application
						Singer	Metric	
100D	3	35	80	≥ 2.1	13-22	12~14	80~90	Light Weight
138D	3	45	60	≥ 3.0	23-32	14~16	90~100	Medium Weight
210D	3	70	40	≥ 4.5	23-32	16~18	100~110	Medium Weight
280D	3	90	30	≥ 6.0	24-33	16~20	100~120	Heavy Weight
420D	3	135	20	≥ 9.0	25-34	19~23	120~160	Heavy Weight
630D	3	210	13	≥ 13.5	25-34	22~24	140~180	Extra Heavy Weight

Remarks:

1. Recommended needle size is just for reference, user should adjust according to sewing material and usage.
2. Technical information listed above is based on current average and should be taken only as indication before the final usage.

Embroidery Thread

Mh Embroidery Thread including: 100% Rayon Embroidery Thread, 100% Polyester Embroidery Thread
Annual Producing Capacity: 10000+ ton
Color: color card with 400 colors available, small qty order acceptable"

Machinery equipment

Mh Embroidery Thread Industry has a complete set of production line for spinning, dyeing, winding and shaping, working shop is around 20,000m², with 400 skillful workers.



Slack Winding



Hank



Rewinding



Dyeing Machinery and Apparatus



Inverted Yarn



Dual Type Twister



Ordinary wire winding machine



High speed winding machine



100% Rayon Embroidery Thread

Product introduction

100% rayon embroidery thread is made of viscose filament yarn, dyed with reactive dyes on 60°C degree, has excellent brightness and high luster, extensive color range, with excellent softness.

Specifications: 120D/2, 150D/2, 150D/3, 250/2, 300D/2, 300D/3, 450D/2, 600D/2, 600D/3, 300D/1 300D/2*3 450D/1 600D/1, etc.

Product features

Exceptional Embroidery Performance / High Luster / Excellent Softness / Healthy and Environme / Extensive Colour Range

Suitable for ladies suits, silk, handbag, lace embroidery, etc.



Specifications & Reference technical data

Denier	Tex (T)	Tickets Size	PLY	Average Strength (cN)	Average Strength (g)	Elongation Min-Max (%)	Recommended NeedleSize	
							Singer	Metric
120D	27	120	2	480	489	14-26	11	75

Remarks:

1. Recommended needle size is just for reference, user should adjust according to sewing material and usage.
2. Technical information listed above is based on current average and should be taken only as indication before the final usage.

100% Polyester Embroidery Thread

Product introduction

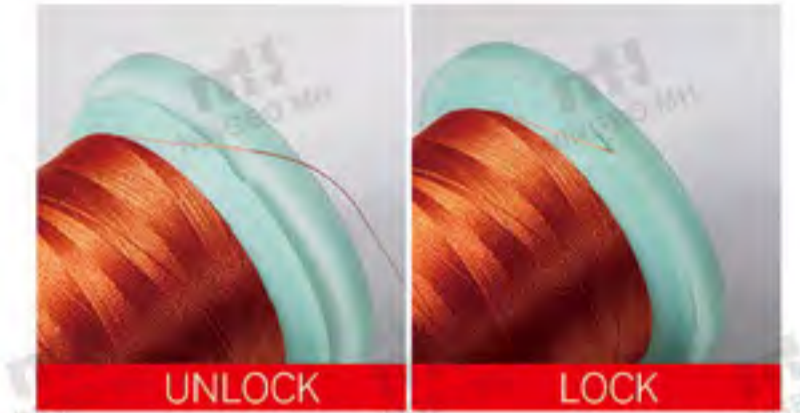
100% polyester embroidery thread is made of polyester FED yarn, dyed with disperse dyes on 125-135°C degree, has excellent color fastness and good abrasion resistance.

Specifications: 75D/2, 108D/2, 120D/2, 150D/2, 150D/3, 300D/2, 300D/3, 300D/1, 300D/2*3, etc.

Product features

Excellent Colour Fastness / Good Abrasion Resistance / High Tenacity / Low Shrinkage / Extensive Colour Range

Suitable for Jeans, shoes and hats, lace embroidery, etc.



New Type Spool



Specifications & Reference technical data

Denier	Tex (T)	Tickets Size	PLY	Average Strength (cN)	Average Strength (g)	Elongation Min-Max (%)	Recommended NeedleSize	
							Singer	Metric
120D	27	120	2	962	982	18-22	11	75

Remarks:

1. Recommended needle size is just for reference, user should adjust according to sewing material and usage.
2. Technical information listed above is based on current average and should be taken only as indication before the final usage.



BRAND MISSION:

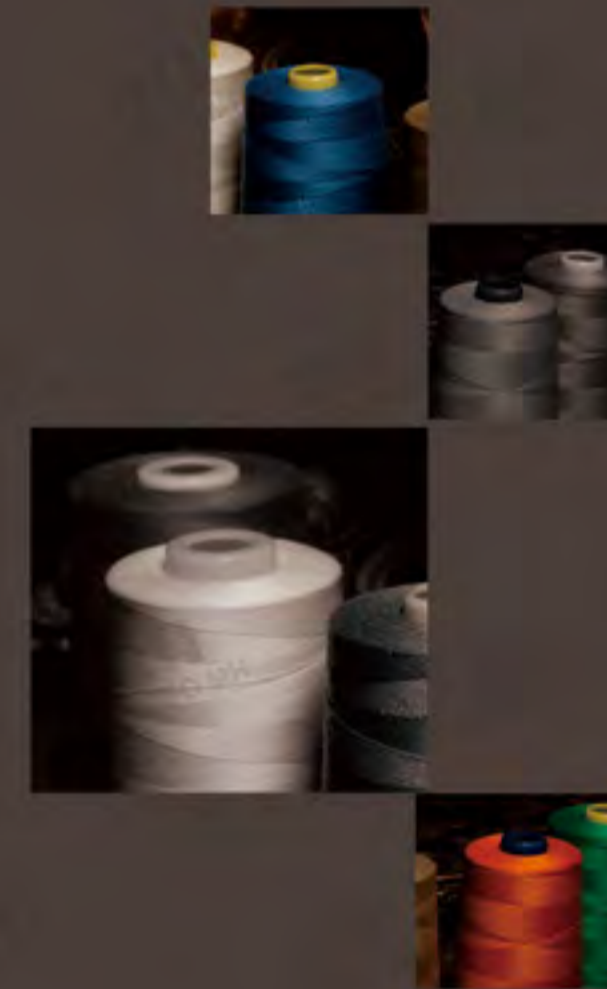
To provide customers with high quality thread with competitive price

BRAND CORE VALUE:

technology, cooperation

BRAND MEANING:

fine thread for cloth



Certification

MH Sewing thread and embroidery thread factory have obtained ISO9001 quality management system certification, and Swiss Oeko-Tex Standard 100 certification, we attach great importance to technology developing as well as environmental protection, to supply our customer high quality products with green manufacturing.



ISO Certification

Quality Control



Advanced infrared proof press



No tubular dyeing automatic metering system

We have advanced color management system, could match exactly customer's color request for sample and product.



Oeko-Tex Certification



Semi-Auto Powder Dispensing System



Auto Liquid Dispensing and Transportation System

Quality Control

Our lab equipped with advanced testing machine, could do normal chemical and physical test for our thread products, is our goalkeeper for quality assurance.



Water quality analysis



Sewage treatment



- a. Color fastness to rubbing
- b. Electronic fabrics strength machine
- c. Ironing sublimation fastness
- d. ettler PH meter

Corporate Responsibility



We pride ourselves on being a responsible company, we are committed to acting in an environmentally and socially friendly manner wherever possible and we seek to do so throughout our global business operations and activities.

Credible Enterprise

MH was certified by *Oeko-Tex® Standard100* and was honored as “*Top 500 China Service Industry*” and “*AAA Trustworthy Company*”.

Concerned about environmental protection



With the growth of China and the global economy, the natural environment is also deteriorating. Especially air, water, and ocean pollution are also increasingly serious. MH takes its responsibility to protect natural environment.

In 2015, MH initiated a “green footprint” environmental protection activity, calling on Mh staff to protect the natural ecology and practice the concept of “green footprint” at outdoor activities.

As a well-known garment accessories enterprise, MH has been practicing green manufacturing for 16 years, and committed to research how to reduce the production process of pollutant emissions, invested to build sewage treatment laboratory, making sure factory wastewater and soot all meet environmental standards. In 2015 MH also launched the dope dyeing, recycled polyester, cationic modified polyester, and Better-Cotton-Initiative four green ecological embroidery series, starting from raw materials to practice green production.

► Culture Construction

MH Core Values: Customer Focus, Teamwork, Innovation, Passion, Integrity

MH has founded a "MH Weekly" electronic newspaper, MH APP and other communication platforms to disseminate Mh culture.

MH has special funds to support cultural activities, such as the annual party, team building activity, staff tourism, etc. Mh also has basketball club, football club, outdoor hiking club, photography club, and others, total eight club, free for MH staff to having healthy lifestyle.



► Charity and public service



MH has set up the "Xiao dou ya" Scholarship Fund to help children in poor village to complete their study. MH has funded 7 poor children for ten years.

Every summer, Mh volunteers will send cooling gift for sanitation workers and traffic police.

MH supports "clothing cycle" activity and donated over 10,000pcs clothing to poor village in Guizhou, Yunnan and other impoverished areas.

Every year, MH volunteers will visit the children in Ningbo Enmeier children welfare institute, playing with children, and giving them gifts.

► Caring for employees' health

MH has special funds for staff health. MH has annual physical examination to all MH staff, arranging health talks, pioneering healthy lifestyle and health preservation knowledge. Besides, MH set up "Firefly" employee mutual fund, to help mh staff who has major disease or suffered disaster. The "Firefly" mutual fund has helped more than ten employees in the past 2 years.

