



Products Show



Dipped Polyester Yarn and Cord



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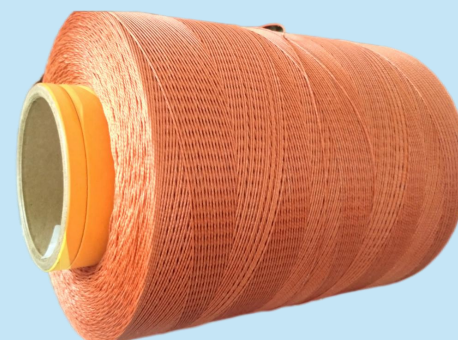
YUSHENG ENTERPRISE LIMITED

COMPANY PROFILE

YuSheng Enterprise Limited established in 2001, committed to rubber industry raw materials production and sales for more than 20 years.

After years of development, Yusheng has become a professional supplier of raw materials of rubber products, selling and serving tire and rubber products manufacturers in Europe, South America, Southeast Asia, India, Pakistan, the Middle East and other regions.

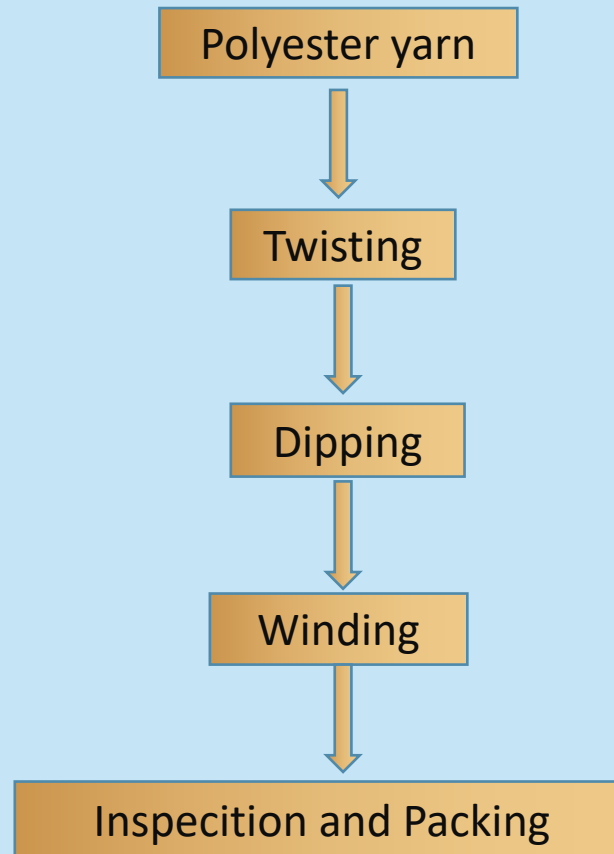
Yusheng is having more than 160+ stable and long-term manufacturing bases, which can provide one-stop raw material services for manufacturers in rubber industry. We sincerely invite rubber professionals from all over the world to join our global supply chain service system and become our partner to achieve win-win development.



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Dipped Polyester Yarn and Cord

Dipped polyester yarn Production process



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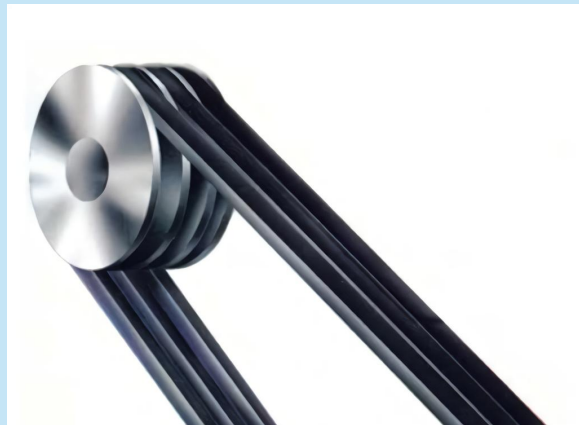
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Dipped Polyester Yarn and Cord

Applications

- Dipped polyester yarn
 - Rubber hose, etc.
- Dipped polyester cord
 - Used in common v-belt
 - Ribbed V-BELT, etc.



Dipped Polyester Yarn and Cord

- Dipped Polyester Yarn Series
 - Dipped Polyester Low Elongation Yarn
 - Dipped Polyester Low Shrinkage Yarn
 - Dipped HMLS Low Elongation Polyester Yarn
 - Dipped HMLS Low Shrinkage Polyester Yarn
- Dipped Polyester Cord Series
 - Dipped soft cord
 - Dipped hard cord
 - Dipped HMLS cord

Dipped Polyester Yarn and Cord

Dipped Polyester Low Elongation Yarn Specification

No.	Items	Units	1100dtex	1440dtex	1670dtex	2200dtex	3300dtex	4400dtex
1	Breaking strength \geq	N	70.0	90.0	105.0	140.0	210.0	280.0
2	Breaking elongation	%	12.0 \pm 2.0	12.0 \pm 2.0	12.0 \pm 2.0	12.0 \pm 2.0	12.0 \pm 2.0	12.0 \pm 2.0
3	Twist Tolerance	T/m	\pm 10	\pm 10	\pm 10	\pm 10	\pm 10	\pm 10
4	Weight per unit length	g/100m	12.0 \pm 1.0	15.0 \pm 1.0	18.0 \pm 1.5	24.0 \pm 2.0	36.0 \pm 2.0	48.0 \pm 2.0
5	Hot air shrinkage (177 $^{\circ}$ C \times 2 min \times 0.02CN/dtex)	%	4.0 \pm 1.0	4.0 \pm 1.0	4.0 \pm 1.0	4.0 \pm 1.0	4.0 \pm 1.0	4.0 \pm 1.0
6	Adhesion \geq	N/cm	55.0	60.0	70.0	75.0	95.0	125.0
7	Diameter	mm	0.45 \pm 0.05	0.5 \pm 0.05	0.55 \pm 0.05	0.6 \pm 0.06	0.75 \pm 0.07	0.85 \pm 0.07

Note: Special spec. can be customized by the requirement/sample from customers.

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Dipped Polyester Yarn and Cord

Dipped Polyester Low Shrinkage Yarn Specification

No.	Items	Units	1100dtex	1670dtex	2200dtex	2770dtex	3300dtex	4400dtex
1	Breaking strength \geq	N	70.0	105.0	140.0	175.0	210.0	280.0
2	Breaking elongation	%	20.0 \pm 2.0	20.0 \pm 2.0	20.0 \pm 2.0	20.0 \pm 2.0	20.0 \pm 2.0	20.0 \pm 2.0
3	Twist Tolerance	T/m	\pm 10	\pm 10	\pm 10	\pm 10	\pm 10	\pm 10
4	Weight per unit length	g/100m	12.0 \pm 1.0	18.0 \pm 1.5	24.0 \pm 2.0	30.0 \pm 2.0	36.0 \pm 2.0	48.0 \pm 2.0
5	Hot air shrinkage (177 $^{\circ}$ C \times 2 min \times 0.02CN/dtex)	%	2.0 \pm 1.0	2.0 \pm 1.0	2.0 \pm 1.0	2.0 \pm 1.0	2.0 \pm 1.0	2.0 \pm 1.0
6	Adhesion \geq	N/cm	55.0	70.0	75.0	85.0	95.0	125.0
7	Diameter	mm	0.45 \pm 0.05	0.55 \pm 0.05	0.6 \pm 0.06	0.65 \pm 0.06	0.75 \pm 0.07	0.85 \pm 0.07

Note: Special spec. can be customized by the requirement/sample from customers.

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Dipped Polyester Yarn and Cord

Dipped HMLS Low Elongation Yarn Specification

No.	Items	Units	1100dtex	1440dtex	1670dtex	2200dtex	2770dtex
1	Breaking strength \geq	N	70.0	90.0	105.0	140.0	175.0
2	Breaking elongation	%	9.0 \pm 2.0	9.0 \pm 2.0	9.0 \pm 2.0	9.0 \pm 2.0	9.0 \pm 2.0
3	Twist Tolerance	T/m	\pm 10	\pm 10	\pm 10	\pm 10	\pm 10
4	Weight per unit length	g/100m	12.0 \pm 1.0	15.0 \pm 1.0	18.0 \pm 1.5	24.0 \pm 2.0	30.0 \pm 2.0
5	Hot air shrinkage (177 $^{\circ}$ C \times 2 min \times 0.02CN/dtex)	%	4.0 \pm 1.0	4.0 \pm 1.0	4.0 \pm 1.0	4.0 \pm 1.0	2.0 \pm 1.0
6	Adhesion \geq	N/cm	55.0	60.0	70.0	75.0	85.0
7	Diameter	mm	0.45 \pm 0.05	0.5 \pm 0.05	0.55 \pm 0.05	0.6 \pm 0.06	0.65 \pm 0.06

Note: Special spec. can be customized by the requirement/sample from customers.

Dipped Polyester Yarn and Cord

Dipped HMLS Low Shrinkage Yarn Specification

No.	Items	Units	1100dtex	1440dtex	1670dtex	2200dtex	2770dtex
1	Breaking strength \geq	N	70.0	90.0	105.0	140.0	175.0
2	Breaking elongation	%	18.0 \pm 2.0	18.0 \pm 2.0	18.0 \pm 2.0	18.0 \pm 2.0	18.0 \pm 2.0
3	Twist Tolerance	T/m	\pm 10	\pm 10	\pm 10	\pm 10	\pm 10
4	Weigth per unit length	g/100m	12.0 \pm 1.0	15.0 \pm 1.0	18.0 \pm 1.5	24.0 \pm 2.0	30.0 \pm 2.0
5	Hot air shrinkage (177 $^{\circ}$ C \times 2 min \times 0.02CN/dtex)	%	1.5 \pm 1.0	1.5 \pm 1.0	1.5 \pm 1.0	1.5 \pm 1.0	1.5 \pm 1.0
6	Adhesion \geq	N/cm	55.0	60.0	70.0	75.0	85.0
7	Diameter	mm	0.45 \pm 0.05	0.5 \pm 0.05	0.55 \pm 0.05	0.6 \pm 0.06	0.65 \pm 0.06

Note: Special spec. can be customized by the requirement/sample from customers.

Dipped Polyester Yarn and Cord

Polyester Dipped Cord Specification

Test item	unit	Polyester Dipped Soft Cord				
		1100dtex/2×3	1100dtex/3×3	1100dtex/2×5	1100dtex/4×3	1100dtex/5×3
Breaking strength	N	>440	>640	>740	>850	>1070
Elongation	%	11±1.3	11.5±1.5	11.5±1.5	11.5±1.5	11.5±1.5
Elongation at certain load	%	150N2.9±0.5	200N2.5±0.5	200N2.3±0.5	300N2.8±0.6	300N2.4±0.6
Diameter	mm	0.90±0.1	1.2±0.1	1.24±0.1	1.36±0.1	1.55±0.1
Quality	g/100m	73±3.0	110±4.0	121±4.0	145±5.0	185±6.0
Drying shrinkage 150°C×3min	%	3.8±0.5	3.8±0.5	3.8±0.6	3.8±0.6	3.8±0.5
Oil heat shrinkage150°C×3min	%	4.0±0.5	4.2±0.5	4.2±0.6	4.2±0.6	4.4±0.5
Rubber adhesion (NR)	N/cm	≥220	≥240	≥260	≥280	≥300
Note1: OIL PRE-HEAT SHRINKAGE WEIGHT 0.2 CN/TEX, HEAT MEDIUM IS SILICONE OIL. Note2: THE DRY SHRINKAGE AS A REFERENCE INDICATOR, PRE-PLUS WEIGHTS :0.2CN/TEX, HEAT MEDIUM IS AIR.						

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Dipped Polyester Yarn and Cord

Polyester Dipped Cord Specification

Test item	unit	Polyester Dipped Hard Cord			
		1100dtex/ 1×3	1100dtex/ 2×3	1100dtex/ 3×3	1100dtex/ 2×5
Breaking strength	N	>200	>400	>600	>650
Elongation	%	9.5±1.5	9.5±1.5	9.5±1.5	9.5±1.5
Elongation at certain load	%	100N3.6±0.5	200N3.1±0.5	200N2.0±0.5	200N2.0±0.5
Diameter	mm	0.68±0.1	1.0±0.1	1.15±0.1	1.27±0.1
Quality	g/100m	38±3.0	72±4.0	110±4.0	123±4.0
Drying shrinkage 150°C×3min	%	4.0±0.5	4.0±0.5	4.0±0.5	4.0±0.5
Oil heat shirinkage150°C×3min	%	2.6±0.5	2.8±0.5	2.8±0.5	2.8±0.6
Oil shrinkage 150°C×3min	N	9.0±3.0	24±5.0	36±6.0	38±6.0
Rubber adhesion (NR)	N/cm	≥150	≥260	≥300	≥320
Note1: OIL PRE-HEAT SHRINKAGE WEIGHT 0.2 CN/TEX, HEAT MEDIUM IS SILICONE OIL.Note2:THE DRY SHRINKAGE AS A REFERENCE INDICATOR, PRE-PLUS WEIGHTS :0.2CN/TEX, HEAT MEDIUM IS AIR.					

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Dipped Polyester Yarn and Cord

Polyester Dipped Cord

Test item	unit	HMLS Polyester Dipped Hard Cord			
		1100dtex/ 1×3	1100dtex/ 2×3	1100dtex/ 3×3	1100dtex/ 2×5
Breaking strength	N	>200	>400	>600	>650
Elongation	%	9.5±1.5	9.5±1.5	9.5±1.5	9.5±1.5
Elongation at certain load	%	100N3.6±0.5	200N3.1±0.5	200N2.0±0.5	200N2.0±0.5
Diameter	mm	0.68±0.1	1.0±0.1	1.15±0.1	1.27±0.1
Quality	g/100m	38±3.0	72±4.0	110±4.0	123±4.0
Drying shrinkage 150°C×3min	%	2.6±0.5	2.8±0.5	2.7±0.5	2.7±0.5
Oil heat shrinkage150°C×3min	%	2.6±0.5	2.8±0.5	2.8±0.5	2.8±0.6
Oil shrinkage 150°C×3min	N	9.0±3.0	24±5.0	36±6.0	38±6.0
Rubber adhesion (NR)	N/cm	≥150	≥260	≥300	≥320

Note1: OIL PRE-HEAT SHRINKAGE WEIGHT 0.2 CN/TEX, HEAT MEDIUM IS SILICONE OIL. Note2: THE DRY SHRINKAGE AS A REFERENCE INDICATOR, PRE-PLUS WEIGHTS :0.2CN/TEX, HEAT MEDIUM IS AIR.

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Dipped Polyester Yarn and Cord

Packing:

- Packed in bobbins
- 5-10 kg per bobbin
- Put in cartons or cartons + pallets





Trustworthy Partner of Rubber Raw Materials

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