



**Rongdu Thread**

# **PRODUCT CATALOG**





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Nantong Rongdu Thread Co., Ltd. is a professional manufacturer of high-tenacity sewing threads. Our sewing thread products include continuous filament sewing threads, bonded threads, recycled threads, and PTT elastic threads, which are widely used in footwear and luggage, leather goods, home textiles, mattresses, sports and outdoor gear, tents, canvas products, garments, electric wires and cables, filter fabric weaving, and many other fields.

We also produce biodegradable polylactic acid (PLA) yarn and thread, providing eco-friendly solutions that support sustainable development.

We are additionally a source manufacturer of polyester embroidery thread, suitable for multi-directional and multi-layer embroidery on any heavy fabric.

Equipped with more than sixty sets of advanced specialized machinery and nearly 8,000 square meters of self-owned facilities, our company achieves an annual production capacity of approximately 4,000 tons. With inventory levels in the tens of millions and over one hundred available specifications, we are committed to meeting customers' comprehensive needs for high quality, variety, large-volume supply, and timely delivery.



## Global Recycled Standard Certification




**Bureau Veritas Consumer Products Services, Inc.**  
 One Distribution Center Circle, Suite #1, Littleton, 01460, Massachusetts, United States

### SCOPE CERTIFICATE

Scope Certificate Number BVC-TE-00065475-GRS-2511-50006225-V1.0  
 Scope Certificate Version Number BVC-TE-00065475-GRS-2511-50006225-V1.0

Bureau Veritas Consumer Products Services Inc.  
 certifies that

**Nantong Rongdu Thread Co., Ltd.**  
**Textile Exchange-ID(TE-ID): TE-00065475**  
**Client Number: BVCN2212**  
 Group 2, Ziyou Village, Hai'an Town, Hai'an County, Nantong City, 226600  
 Jiangsu Sheng, China

has been audited and found to be in conformity with the  
**GLOBAL RECYCLED STANDARD (Version 4.0)**

Product categories mentioned below (and further specified in the product appendix) conform with the standard(s):  
**Greige yarns (PC0030)**

Process categories carried out under responsibility of the above mentioned organization for the certified products cover:  
**Spinning (PR0027)**

This certificate is effective from 2025-11-18 until 2026-11-17.  
 Audit criteria: Global Recycled Standard V4.0; Content Claim Standard V3.1; Textile Exchange Standards Claims Policy V1.3

Place and Date of Issue  
 China, 2025-11-18  
 Last Updated: 2025-11-18  
 Status: Active

*Charles W Rogers*  
 Charles W Rogers

Certification Body



Shaping a World of Trust

Standard



Certification Body Licensed by: Textile Exchange; Licensing Code: CB-BVC  
 Certification Body Accredited by: The ANSI National Accreditation Board (ANAB); Accreditation Number: 0956  
 Inspection Body: Bureau Veritas LCIE China Company Limited

This Scope Certificate provides no proof that any goods delivered by its holder are GRS certified.  
 Proof of GRS certification of goods delivered is provided by a valid Transaction Certificate (TC) covering them.  
 The issuing body may withdraw this certificate before it expires if the declared conformity is no longer guaranteed.  
 To authenticate this certificate, please visit [www.textileexchange.org/Certificates](http://www.textileexchange.org/Certificates).

This electronically issued document is the valid original version. TE-ID: TE-00065475, page 1 of 3  
 Certificate receiver please check the certificate authenticity before proceeding further.

TE-009-02-03-V6.0 SC Template-BVCP5-GRS
Certificate shall not be reproduced except in full.

## OK COMPOST INDUSTRIAL Certification

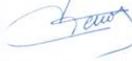




### CERTIFICATE FOR AWARDING AND USE OF THE 'OK COMPOST INDUSTRIAL' CONFORMITY MARK

#### TA8012509568

Issued by TÜV AUSTRIA GMBH

<p><b>Product(s):</b></p> <ul style="list-style-type: none"> <li>Domain</li> <li>Group</li> <li>Family</li> <li>Type</li> <li>Trade mark</li> <li>Description / Particularities</li> </ul>	<ul style="list-style-type: none"> <li>Industrially Compostable Products</li> <li>Components &amp; Constituents</li> <li>Others</li> <li>Miscellaneous components</li> <li>Rongdu Yarn and Thread</li> <li>100% PLA Thread</li> <li>Maximum nominal linear density: 267 dtex</li> <li>Colour: white</li> <li>Unprinted</li> </ul>
<p><b>Licensee:</b></p>	<p><b>Nantong Rongdu Thread Co., Ltd</b>              Group 2, Ziyou Village, Hai'an Town, Hai'an County Jiangsu Province              226602 Nantong City              CHINA</p>
<p><b>Criteria:</b></p>	<p>• Certification Scheme with reference OK 01 edition F              including EN 13432 (09-2000); • Packaging - Requirements for packaging              recoverable through composting and biodegradation - Test scheme and              evaluation criteria for the final acceptance of packaging »</p>
<p><b>Validity:</b></p>	<p>From 21 November 2025 till 21 November 2030</p>
<p><b>Conclusions of the examination:</b></p>	<p>The products comply with the above mentioned certification criteria, as              confirmed by the report no 65006210-2025-AG-0080cert.</p>
<p><b>Applicable certification system:</b></p>	<p>Type examination followed by supervision through verification tests on              samples from the distributor's stocks or of the market.              The conformity of the product is guaranteed by the procedures for awarding              and use of the 'OK compost INDUSTRIAL' conformity mark. This only              applies for specimen bearing the 'OK compost INDUSTRIAL' mark.</p>
<p>Rotselaar, 21 November 2025</p>  <p>For the Certification Committee              Ph. DEWOLFS              President of the Committee</p>	<p><b>Annex: /.</b></p> <p style="font-size: x-small; text-align: right;">FM-BA-TABE-CERT-80-EOL-017_certifcate_EN Rev 24.08</p>

This certification was carried out according to the TÜV AUSTRIA GMBH procedures for certification and is regularly monitored.  
 TÜV AUSTRIA GMBH | Deutschstraße 10 | A-1230 Vienna  
 012869-25-01

### Bonded Thread

Bonded thread consists of high-tenacity continuous filaments and hot melting material through a twisting and heating process. The bonding technology makes filaments twisting more tough with a uniform finish which prevents the ply ends from unraveling in the reverse direction, which enhances abrasion resistance and facilitates smooth stitching. Moreover, bonding technology improves environmental resistance like heat tolerance, chemical and mildew resistance. Therefore, bonded thread outperforms non-bonded thread in most heavy fabric applications.

#### (1) Bonded Polyester Thread

Bonded polyester thread is composed of high-tenacity polyester continuous filaments that are twisted using bonding technology which gives this thread more strength, abrasion resistance and environmental resilience. Therefore, bonded polyester thread is superior for heavy fabric that will be subject to prolonged strong UV rays such as footwear, suitcase and bag, outdoor gear, sports equipment, tents, awnings, sails, automobile covers and so on. Moreover, when it comes to parachutes and rock climbing gear where safety has to be at its utmost highest, the bonded thread must be the first choice.

**Specification:** Tex35-Tex700; 100D/2ply-2000D/6ply

TEX	Ticket	Denier	Fabric Application
35	80	100D/3	Light Weight
40	70	135D/3	
45	60	150D/3	Medium Weight
70	40	210D/3	
90	30	250D/3	
90	30	280D/3	Heavy Weight
135	20	420D/3	
150	16	500D/3	
210	15	630D/3	
270	10	840D/3	Ex-Heavy Weight
350	9	1000D/3	



## (2) Bonded Nylon Thread

Bonded nylon thread is made from high-tenacity nylon 6 and nylon 6.6 continuous filaments that are twisted using bonding technology which gives this thread more strength, abrasion resistance and environmental resilience. With moderate elasticity, bonded nylon thread is suited for leather goods, footwear, suitcase and bag, mattress, bedding, sofa that require stretch and more tensile strength.



### Bonded Nylon 6 Thread

**Specification:** Tex35-Tex700; 100D/2ply-2000D/6ply

TEX	Ticket	Denier	Fabric Application
45	60	150D/3	Medium Weight
70	40	210D/3	
90	30	280D/3	
135	20	420D/3	Heavy Weight
210	15	630D/3	
270	10	840D/3	Ex-Heavy Weight

### Bonded Nylon 66 Thread

**Specification:** Tex35-Tex700; 100D/2ply-2000D/6ply

TEX	Ticket	Denier	Fabric Application
45	60	150D/3	Medium Weight
70	40	210D/3	
90	30	280D/3	
135	20	420D/3	Heavy Weight
210	15	630D/3	
270	10	840D/3	Ex-Heavy Weight
350	9	1000D/3	

## Polyester Filament Thread

Polyester filament thread is made from high-tenacity polyester continuous filaments, with no joints in either the filaments or the finished thread. Although it has little elasticity, it still accommodates a small amount of 'give' with good recovery. Its high strength and UV Resistance make it popular among outdoor furnishings exposed to sunlight over long periods such as sports equipment, automobile covers, curtains, kites, awnings, sails, tents, wire and cable applications and so on. It is also ideal for general tough sewing like suitcase and bag, footwear, furniture upholstery, outdoor gear etc. that see less sunlight.



**Specification:** Tex12-Tex700; 50D/2ply -2000D/6ply

TEX	Ticket	Denier	Fabric Application
12	250	50D/2	EX-Light Weight
16	190	70D/2	
17	180	50D/3	
21	120	70D/3	
35	80	100D/3	Light Weight
40	70	120D/2	
45	60	150D/3	Medium Weight
70	40	210D/3	
80	30	250D/3	
135	20	420D/3	Heavy Weight
210	15	630D/3	
270	10	840D/3	EX- Heavy Weight
350	9	1000D/3	

## Nylon Filament Thread

Nylon filament thread is composed of high-tenacity nylon 6 and nylon 6.6 continuous filament, with no joints in either the filaments or the finished thread. Besides carrying remarkable tensile strength, the thread is supple and stretchy. Therefore it is usually used for leather goods, suitcase and bag, footwear, sportswear, mattress, bedding, sofa and so on.



**Specification:** Tex12-Tex700; 50D/2ply-2000D/6ply

TEX	Ticket	Denier	Fabric Application
21	120	70D/3	EX-Light Weight
35	80	100D/3	Light Weight
45	65	210D/2	
45	60	150D/3	Medium Weight
70	40	210D/3	
90	30	210D/4	
90	30	280D/3	
135	20	420D/3	Heavy Weight
210	15	630D/3	
270	10	840D/3	EX- Heavy Weight
350	9	1000D/3	

## Recycled Thread

Recycled thread refers to a type of thread made from recycled polyester or nylon continuous filaments, primarily sourced from post-consumer plastic or nylon waste, such as plastic bottles, textiles, fabrics, fishing nets and so on. Recycled sewing thread is an excellent option promotes a circular economy by diverting materials from landfills and extending the life cycle of resources, while still achieving high-quality results of threads.

**Specification:** Tex12-Tex700; 50D/2ply-2000D/6ply



## PLA Yarn

### PLA DTY

PLA Draw Textured Yarn (DTY) is a type of continuous filament made from polylactic acid (PLA), a biodegradable and eco-friendly polymer derived from renewable plant-based resource. Our raw material is sourced from sugarcane.

PLA DTY is produced through a draw texturing process that stretches and heat-sets the PLA pre-oriented yarn (POY) using a twist-untwist method, creating a spring-like structure. This results in crimped, elastic, and soft fibers that offer exceptional texture and durability. PLA DTY is highly versatile and widely used in various textile applications such as knitting, weaving, and yarn dyeing. Its soft and fluffy texture makes it ideal for products like innerwear, bedding, sportswear, casual clothing.

### Specification:

Customized to full dull, semi dull or cross-shaped profile

30D/24F; 100D/48F; 200D/72F

40D/24F; 100D/72F; 250D/72F

50D/24F; 100D/96F; 250D/96F

50D/48F; 100D/144F; 300D/96F

50D/72F; 120D/72F; 300D/144F

75D/36F; 150D/48F; 300D/216F

75D/48F; 150D/72F; 500D/432F

75D/72F; 150D/96F; 600D/432F

75D/96F; 150D/144F;

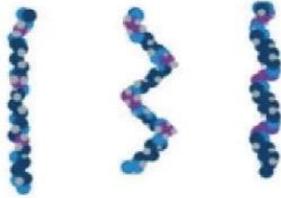
75D/144F;



## PTT Thread

PTT is a type of synthetic fiber made from a polymer known as polytrimethylene terephthalate. It stands out for its unique 'Z' fiber structure, which gives it exceptional elasticity, resilience and softness. These properties make PTT yarn versatile and suitable for a wide range of applications that demand flexibility, durability, and comfort, including swimwear, yoga pants, lingerie, undergarment, furniture upholstery and bedding. PTT yarn is also highly stain-resistant, and combined with its resilience and softness, it is an ideal choice for carpets and rugs. Besides, since PTT yarn can be made from renewable resources like corn-based sugars, it is widely used in eco-friendly and sustainable textile products.

Polyester PTT Nylon



Fiber Image



### Specification

TEX	Ticket	Denier	Fabric Application
35	80	150D/2	Light Weight
45	60	150D/3	Medium Weight

## Embroidery Thread

Polyester embroidery thread is twisted from high-tenacity polyester continuous filaments, with no joints in either the filaments or the finished thread. It runs smoothly at high sewing speeds without pilling, wrinkling, untwisting, fraying, or breaking, and is suitable for multi-directional and multi-layer embroidery on any heavy fabric.

**Specification:** 50D/2; 75D/2; 108D/2; 120D/2; 150D/2



## 04 Factory and Equipment





**Bonded Thread**

**Recycled Thread**

**Filament Thread**

**PLA DTY**

**PTT Thread**



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