



# Product Catalog

Nantong Rongdu Thread Co., Ltd.



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## 01 Company Profile

Rongdu is a professional manufacturer of heavy duty threads including bonded thread, sewing thread and embroidery thread. We carry plenty of thread supplies with popular sizes and vivid colors used in a wide array of applications, including footwear, leather goods, luggage and bag, furniture upholstery, mattress, sports equipment, denim, automobile, canvas, tent, wire and cable applications, filtration and more. Rongdu is specialized in spinning continuous filament into thread which then further been winded on different size of cone/spool/tube/cylinder or processed into hank packaging.

Rongdu has nearly 8000 square meters of self-owned plant, about 4000 tons of annual output, tens of millions of inventory that comes in a number of different sizes. We're always ready with the right thread at your service. Of course if the specific size you're looking for isn't in stock, we will order and process for you timely.



## Global Recycled Standard Certification

## OEKO-TEX® Standard 100 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-BVCN2212-GRS-2311-10001400-V1.0**

Bureau Veritas Consumer Products Services Inc. certifies that

**Nantong Rongdu Thread Co., Ltd.**  
License Number **TE-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); Finishing (PR0012)**

This certificate is valid until: 2024-11-06  
Audit criteria: Global Recycled Standard V4.0; Content Claim Standard V3.1; Textile Exchange Standards Claims Policy V1.2

Place and Date of Issue United States, 2023-11-07 Anniversary Date: 2023-11-07 Last Updated: 2023-11-07	Certification Body 	Standard 
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*Rajan Kamalanathan*  
Rajan Kamalanathan

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.

Scope Certificate **BVC-TE-BVCN2212-GRS-2311-10001400-V1.0** and License number **TE-BVCN2212**, page 1 of 3  
TE-009-02-03-V4.5 SC Template – BVCP5 – GRS Certificate shall not be reproduced except in full.

Nantong Rongdu Thread Co., Ltd.  
No. 81 Chaoyang North Road,  
Hai'an County,  
Nantong Jiangsu 226602  
China



TESTEX AG, Swiss Textile Testing Institute  
Gottthardstrasse 61  
8002 Zurich  
Switzerland

# Certificate

## OEKO-TEX® STANDARD 100

### Nantong Rongdu Thread Co., Ltd.

is granted the OEKO-TEX® STANDARD 100 certification  
and the right to use the trademark.

**SCOPE**  
Embroidery thread made of 100% polyester filament,  
sewing thread made of 100% polyester filament, sewing  
thread made of 100% polyamide filament, all in white  
(based on material partly pre-certified according to  
OEKO-TEX® STANDARD 100)



**PRODUCT CLASS**  
I (baby articles) - Annex 6

This certificate BJ005 220186 is valid until 15.05.2024.

**SUPPORTING DOCUMENTS**  
 ✓ Test report: BJ005 220186.1  
 ✓ Declaration of conformity in accordance with EN ISO 17050-1 as required by OEKO-TEX®  
 ✓ OEKO-TEX® Terms of Use (ToU)

*Matt Bachmann*  
Matt Bachmann  
Managing Director

*Dijana Ajdžević*  
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Ecology Team Leader

Further compliance information (REACH, SVHC, POP, GB8401 etc.) can be found on [oeko-tex.com/en/faq](http://oeko-tex.com/en/faq).

The certificate is based on the test methods and requirements of the OEKO-TEX® STANDARD 100 that were in force at the time of evaluation.

Zurich, 2023-05-03

OEKO-TEX Service GmbH Genferstrasse 23, CH-8002 Zurich



### 03 Factory and Equipment





### Bonded Thread

Bonded thread is typically a two, three, or four-ply construction twisted with thermo fuse that makes filaments twisting more tough with a uniform finish which prevents the ply ends from unraveling in the reverse direction. Besides adding abrasion resistance and smooth stitching, the bonded technology improves environmental resistance like heat tolerance, chemical and mildew resistance. Therefore, bonded thread outperforms non-bonded thread in most heavy fabric applications where bonded thread is always the superior choice.

#### (1) Bonded Polyester Thread

Bonded polyester thread is composed of strong polyester continuous filament with the thermo fuse which gives this thread more strength, heat tolerance and reduces friction at the needle resulting in smooth stitches. The polyester bonded thread is superior for professional upholstery and furnishings with tough fabric that will be subject to UV rays over long time such as sports goods, automobiles, tarps, canvas, slings, awnings, tents, boat, wire and cable applications, filtration, marine fabric applications, luggage and bag, outdoor furnishings and more. Moreover, when it comes to fireman's outfits, parachutes, and rock climbing gear where safety has to be at its utmost highest, the bonded thread must be the first choice.



**Specification :** Tex: Tex16-Tex700; Denier: 70-2000Denier/2-6Ply

TEX	Ticket	Denier	Strength	Fabric Application
35	80	100D/3	2257	Light Weight
40	70	135D/3	2998	
45	60	150D/3	3316	Medium Weight
70	40	210D/3	4656	
90	30	250D/3	5503	
90	30	280D/3	6138	Heavy Weight
135	20	420D/3	9102	
150	16	500D/3	10795	
210	15	630D/3	13547	
270	10	840D/3	17992	Ex-Heavy Weight
350	9	1000D/3	21379	

## (2) Bonded Nylon Thread

Bonded Nylon thread is made from nylon 6 and nylon 6.6 continuous filament with the thermo fuse giving this thread added strength, heat tolerance and reduces friction at the needle resulting in smooth stitches. With the peak performance and unbeatable efficiency, the bonded nylon thread is suited for mattress, bedding, sofa, leather, sports goods, footwear, denim, jeans that require excellent stretch and more tensile strength.



### Bonded Nylon 6 Thread

**Specification :** Tex: Tex16-Tex700; Denier: 70-2000Denier/2-6Ply

TEX	Ticket	Denier	Strength	Fabric Application
45	60	150D/3	3528	Medium Weight
45	60	210D/2	3316	
70	40	210D/3	4798	
90	30	280D/3	6279	
135	20	420D/3	9243	Heavy Weight
210	15	630D/3	13688	
270	10	840D/3	18133	Ex-Heavy Weight

### Bonded Nylon 66 Thread

**Specification :** Tex: Tex16-Tex700; Denier: 70-2000Denier/2-6Ply

TEX	Ticket	Denier	Strength	Fabric Application
45	60	150D/3	3478	Medium Weight
70	40	210D/3	5097	
90	30	280D/3	6672	
135	20	420D/3	9821.07	Heavy Weight
210	15	630D/3	14544	
270	10	840D/3	19267	Ex-Heavy Weight
350	9	1000D/3	22865	



## Polyester Sewing and Quilting Thread

Polyester Sewing and Quilting Thread is made from non-stretchy but strong polyester continuous filament. Although it has no elasticity, it still accommodates a small amount of “give” with good recovery. Its high strength and UV Resistance made it popular among professional outdoor filament thread exposed to sunlight over long periods such as sports goods, automobiles, tarps, canvas, slings, awnings, tents, wire and cable applications, filtration, boat, marine fabric, outdoor furnishings and more. It also the ideal heavy-duty sewing thread for general tough sewing like luggage and bag, furniture upholstery, footwear, curtains, kites etc. that see less sunlight.



**Specification :** Tex: Tex16-Tex700; Denier: 70-2000Denier/2-6Ply

TEX	Ticket	Denier	Strength	Fabric Application
10	250	50D/2	784	EX-Light Weight
16	190	70D/2	1097	
17	180	50D/3	1176	
21	120	70D/3	1646.4	
35	80	100D/3	2352	Light Weight
40	70	120D/2	1881	Medium Weight
45	60	150D/3	3307	
70	40	210D/3	4630	
80	30	250D/3	5512	
135	20	420D/3	9261	Heavy Weight
210	15	630D/3	13891	EX- Heavy Weight
270	10	840D/3	18522	
350	9	1000D/3	22050	

## Nylon Sewing and Quilting Thread

Nylon sewing and quilting thread is composed of strong **nylon 6** and **nylon 6.6** continuous filament. Besides carrying remarkable tensile strength, the thread is supple and stretchy. Although polyester outperforms Nylon in case of prolonged exposure to sunlight, Nylon can still withstand moderate sun exposure.



**Specification :** Tex: Tex16-Tex700; Denier: 70-2000Denier/2-6Ply

TEX	Ticket	Denier	Strength	Fabric Application
21	120	70D/3	1646	EX-Light Weight
35	80	100D/3	2352	Light Weight
45	65	210D/2	3292	
45	60	150D/3	3528	Medium Weight
70	40	210D/3	4939	
90	30	210D/4	6585	
90	30	280D/3	6585	
135	20	420D/3	9878	Heavy Weight
210	15	630D/3	14817	
270	10	840D/3	19756	EX- Heavy Weight
350	9	1000D/3	23520	



Bonded Thread

High Strength Filament Thread

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