

Coats® RecLID™ Teabag

Coats RecLID Teabag is a polylactic-acid string that is made from renewable raw material and used in tea bag manufacturing. Coats RecLID Teabag is mineral oil free and biodegradable which makes it environmentally responsive. It has a low temperature melting point which ensures the tea bag string will easily secure to the tea bag.

Coats RecLID Teabag can also be supplied with non-GMO traceability.



COATS
recLID
teabag



POLYLACTIC-ACID

WHY CHOOSE COATS RECLID TEABAG?

- Made from a renewable natural raw material
- Environmentally responsive string that is biodegradable
- RecLID Teabag thread is engineered to have low wicking, avoiding uptake of tea
- Engineered for lower hairiness, which enhances the yarn's appearance
- Our PLA teabag thread is tested to comply with:
 - Notification No. 370 of Ministry of Health, Labour and Welfare, 1959, under the Japan Food Sanitation Law (Law No. 233, 1947)

- European Commission Regulations No. 10/2011, No. 2016/1416 and No. 1935/2004

- Oeko-Tex Standard 100

- The manufacturing plant for PLA teabag string is BRC/IoP certified

MAIN USES:

- Pyramid tea bags
- Tea bags made with ultrasonic welding



Coats RecLID Teabag



END USE RECOMMENDATIONS (to prevent fibre degradation):

Store in cool, dry conditions, avoid high temperature and high humidity, avoid direct sunlight

Store in its original packing; once open, use as soon as possible

Do not hold excessive stock over a long period of time, recommendation is to use within 3 months of receipt

Strictly follow First-In-First-Out on stock management

PRODUCT RANGE

Tex	Ticket	Dtex/ply	Strength cN	Elongation % Min - Max
200	15	250 x 8	3333	30 - 45

THERMAL PROPERTIES

Burns if exposed to flame or excessive heat, low smoke

Glass transition temperature 55 - 60° C

Melting temperature 165 - 175° C

Decomposition temperature 250° C

CHEMICAL PROPERTIES

Acids:	Fair resistance
Alkalis:	Poor resistance
Hydrolysis:	Susceptible to hydrolysis
Organic solvents:	Poor resistance
Moisture regain:	0.4 - 0.6%
Environment:	Not water soluble. Sustainable and biodegradable polymer.



POLYLACTIC-ACID

ENVIRONMENTALLY FRIENDLY TEA BAG THREAD PRODUCTION

Coats global environmental policy takes a proactive view of the environment and protecting the world we live in. Coats tea bag threads meet all the below industry standards:

- BRC / IoP
- Oeko Tex 100
- ISO certification

Coats RecLID Teabag can also be supplied with non-GMO traceability. For more information, please contact your local sales representative.

Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure themselves that the product meets end customer requirements and is suitable for the intended end use. Coats accepts no liability for unsuitable or improper use or application of products. Information provided is based on current averages and should be taken only as indicative. Coats accepts no liability for the preciseness and correctness of the information provided. Product information sheets are updated for time to time, please be sure you are referring to the most recent publication. Coats supports customers with advice on individual applications on request; if you have any questions or concerns, please contact us. © Copyright reserved 2020



Coats RecLID Teabag

EXPERT REAL WORLD SUPPORT

The final cost of any product also includes hidden costs, fuelled by the methods and tools applied to it. Our experts know exactly how to reduce those costs, save time and increase productivity.



One to One Visits

There's no need to come to us, our experts will travel to your site. In person, online or via the phone, our trained consultants deal with the kind of issues any busy factory may face, providing a solution for today and a blueprint for future efficiency.



Training and Presentations

From product selection to solutions for common production issues, we take the learning gathered through years of hands on experience and present it in the form of high impact seminars, workshops and presentations.



Innovation Hub

Collaborate directly with expert R&D technologists at our Innovation Hub to create pioneering and tailored solutions for products ranging from Performance Materials to Apparel and Footwear. Equipped with state-of-the-art technology, we quickly turn ideas into prototype designs ready for manufacturing.

To drive your hidden costs down, talk to Coats. From thread audits in pre-production to the latest technical bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit www.coats.com/recLID-teabag



POLYLACTIC-ACID

