

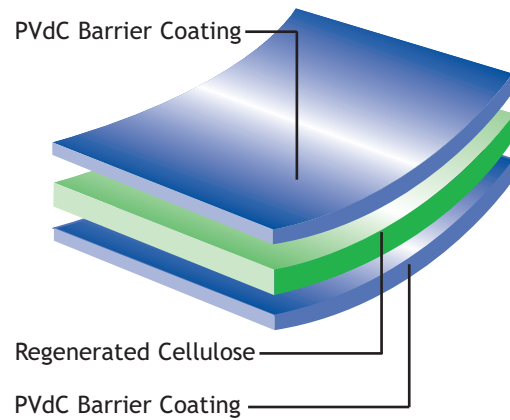
StarTwist™ XT

Data

Ultra High Performance Transparent Twist Film

Regenerated cellulose film (RCF), coated on both sides with a polyvinylidene chloride (PVdC) copolymer by a solvent process.

- Specifically formulated to offer the ultimate in twist wrapping performance. (See applications.)
- Inherent anti-static properties
- Resistant to oils and greases
- Ultra high gloss, transparency and sparkle
- Excellent barrier to water vapour, gases and aromas
- Controlled slip characteristics
- Particularly tolerant of conversion processes
- Cold-seal compatible
- Biodegradable base film



Applications

StarTwist XT film has been specifically formulated to offer the ultimate in twist-wrapping performance on the widest possible range of twist machinery, regardless of type or age.

Maximum machine speeds are achievable, together with a reduced incidence of miswraps. A glossier, tighter wrap significantly enhances the finished appearance and offers improved product shelf-life.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	StarTwist XT
Thickness	Innovia Films test		micron	21.9
Yield	Innovia Films test		m ² /kg g/m ²	31.7 31.5
Permeability to: Water vapour Oxygen	ASTM E 96	38°C 90% RH	g/m ² .24 hrs	15
	ASTM F 1927	23°C 0-5% RH	cc/m ² .24 hrs. bar	3
Optical: Gloss	ASTM D 2457	45°	units	110
Haze (wide angle)	ASTM D 1003	2.5°	%	2.5
Coefficient of friction (film to film)	ASTM D 1894	Static Dynamic		0.30 0.25
Tensile strength	ASTM D 882		MN/m ² MD TD	125 70
Elongation at break	ASTM D 882		% MD TD	22 70
Elasticity modulus (1% secant)	ASTM D 882		MN/m ² MD TD	>3000 >1500

StarTwist XT film has been specifically formulated for twist-wrap applications.
 Whilst a tack-seal is obtainable, this parameter is not measured and cannot be guaranteed.

All properties are tested under standard laboratory conditions: 23± 2°C; 50±5% RH, unless otherwise stated.

MD Machine Direction TD Transverse Direction

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Reel Specifications

Nominal Reel Diameters

Film	Length/(metres)			
	StarTwist XT	1700	3400	6800
Outside Diameter for 77mm Core	240mm	330mm	450mm	ns
Outside Diameter for 153mm Core	ns	355mm	475mm	570mm

ns = non-standard

Other reel lengths are available subject to negotiation.

Sheets

We can provide sheets to a range of sizes and shapes upon request.

Film Storage

To maintain the high quality of this product during storage it is recommended that StarTwist XT should be stored in its original wrapping away from any source of local heating or direct sunlight.

Recommended conditions of storage are:

Temperature: 17-23°C

Relative Humidity: 35-55%

StarTwist XT is suitable for use for 6 months from the date of delivery and stocks should be used in rotation.

Films should be allowed to reach operating room temperatures for 24 hours before use.

Food Contact

StarTwist XT is suitable for most applications involving direct contact with foodstuffs. For specific enquiries, please refer to literature reference A120 or contact our Technical Services Department.

Health & Safety Guidelines

For Health and Safety information, please refer to literature reference A190.



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