

# Technical Fact Sheet



## Cyclone Poly XTV

Cyclone XTV is a 100% white calendered polypropylene synthetic substrate designed for multiple applications and converting methods. It is suitable for a large range of durable printed applications requiring resistance to tearing, water, premature breakdown or yellowing due to ultra-violet light exposure. It's broad ranging temperature resistance makes it particularly suitable for high heat emitting printers and applications as well as having excellent resistance to cracking in low temperatures.



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### Features

- Superior Strength
- Excellent printability & adhesion
- Easy cutting, perforating & folding
- Excellent cold crack resistance to -40°C
- Outstanding antistatic properties
- Excellent UV stability & heat resistance

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- Corona treated both sides
  - Recyclable
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## Spicers Key Icons

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[Download Spicer's icons](#)

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## Application Text

- Backlit posters
- Baggage tags
- Bunting & flags
- Long life tags & labels
- Horticultural tags
- Maps
- Self-adhesive vinyl replacement

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## **Important Note**

All statements, technical information and recommendation are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties of merchantability and fitness for the purpose: Sellers and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

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## Technical Data

Properties		Unit	Value					Test method
Thickness		Micron	100	150	180	200	250	
Grammage		gsm	103	154	185	206	257	
Density		-	1.03	1.03	1.03	1.03	1.03	ASTM-D792
Yield		m <sup>2</sup> /kg	9.7	6.47	5.4645	4.8540	3.883	-
Tensile Strength MD	MD	%	3700	4200	4150	4000	4100	ASTM-D638
	CD	%	2600	3500	3200	2900	3000	ASTM-D638
Elongation	MD	%	600					ASTM-D638
	CD	%	300	420	380	350	350	ASTM-D638
Roughness		Outside	15-35	15-35	15-35	15-35	15-35	JIS-B0601

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		Inside	25-60	25-60	25-60	25-60	25-60	JIS-B0601
Gloss Level		Outside	2~5	2~5	2~5	2~5	2~5	ASTM-D523
		Inside	2~5	2~5	2~5	2~5	2~5	ASTM-D523
Surface Tension (Outside & Inside)	Gm/mm	>42						ASTM-D638
Whiteness	W	>88						ASTM-E313