

# Cellulose Films Product Range



use our imagination...

## Uncoated Cellulose Films for Industrial and Technical Products

Description	Film	Yield		Permeability to		Seal performance		Literature Reference
		(m <sup>2</sup> /kg)	(microns)	H <sub>2</sub> O (g/m <sup>2</sup> .24hrs) ASTM E 96 38°C 90% RH	O <sub>2</sub> (cc/m <sup>2</sup> .24hrs) ASTM F1927 23°C 0% RH	Threshold (°C) 0.5s dwell 0.069MN/m <sup>2</sup>	Range (°C)	
Transparent film for adhesive tape	400PUT	25.0	27.8	N/A	N/A	N/A	N/A	A210
	450PUT	22.2	31.2					
	500PUT	20.0	34.7					
Transparent red film for lithographic and splicing tapes	550PUC REDLITHO	18.2	38.4	N/A	N/A	N/A	N/A	A210
Transparent, high gloss, high temperature release films	400P25	25.0	27.8	N/A	N/A	N/A	N/A	A215
	500P25	20.0	34.7					
Transparent film for battery separators	300P02	33.3	20.8	N/A	N/A	N/A	N/A	A220
	350P00	28.6	24.4					

## Uncoated Cellulose Films for Packaging Applications

Transparent film for applications where protection from moisture is not required	300PT	33.3	20.8	N/A	3	N/A	N/A	A230
	325PT	30.8	22.6					
	350PT	28.6	24.3					
	400PT	25.0	27.8					
	450PT	22.2	31.2					
	500PT	20.0	34.7					
	600PT	16.7	41.7					
Transparent film for high temperature food and non-food uses	325P32	30.8	22.6	N/A	3	N/A	N/A	A200
Coloured transparent film for applications where protection from moisture is not required	300PC	33.3	20.8	N/A	3	N/A	N/A	A105
	400PC	25.0	27.8					

## Heat Resistant Films for Packaging Applications

<b>CelloTherm™ P</b> Uncoated transparent film for microwave and ovenable applications	400	25.0	27.7	N/A	3	N/A	N/A	A240
<b>CelloTherm™ T</b> Coated heat sealable films for microwave and ovenable applications	335	29.9	23.3	370	3	105	55	A395
	430	23.3	29.9					

## Vinyl Coated Barrier Films for Packaging Applications

Description	Film	Yield		Permeability to		Seal performance		Literature Reference
		(m <sup>2</sup> /kg)	(microns)	H <sub>2</sub> O (g/m <sup>2</sup> .24hrs) ASTM E 96 38°C 90% RH	O <sub>2</sub> (cc/m <sup>2</sup> .24hrs) ASTM F1927 23°C 0% RH	Threshold (°C) 0.5s dwell 0.069MN/m <sup>2</sup>	Range (°C)	
Transparent general purpose 2 side PVdC coated, heat sealable, high barrier films	280XS	35.7	19.4	10	3	100	60	A300
	315XS	31.7	21.9					
	340XS	29.4	23.6					
	365XS	25.0	27.8					
	440XS	22.7	30.6					
	500XS	20.0	34.7					
	600XS	16.7	41.7					
Coloured, transparent, general purpose 2 side PVdC coated, heat sealable, high barrier film	340XSC	29.4	23.6	10	3	100	60	A105
White general purpose 2 side PVdC coated, heat sealable, high barrier films	340XSB	29.4	22.2	10	3	100	60	A310
	390XSB	25.6	25.5					
Metallised high barrier film	340 Rayo M	29.4	23.6	5	1	110	50	A340
Transparent 2 side, VC/VA copolymer coated heat sealable, semi-permeable films	335WS	29.9	23.3	370	3	105	55	A360
	430WS	23.3	29.9					
White 2 side, VC/VA copolymer coated heat sealable, semi-permeable film	335WSZB	29.9	21.9	370	3	105	55	A370
StarTwist™ Ultra high performance transparent or metallised twist film	315XT (transparent)	31.7	21.9	15	3	N/A	N/A	A355
	315XM (metallised)	31.7	21.9	10	1	N/A	N/A	A350

## Nitrocellulose Coated Films for Permeable and Barrier Packaging Applications

Description	Film	Yield		Permeability to		Seal performance		Literature Reference
		(m <sup>2</sup> /kg)	(microns)	H <sub>2</sub> O (g/m <sup>2</sup> .24hrs) ASTM E 96 38°C 90% RH	O <sub>2</sub> (cc/m <sup>2</sup> .24hrs) ASTM F1927 23°C 0% RH	Threshold (°C) 0.5s dwell 0.069MN/m <sup>2</sup>	Range (°C)	
Transparent general purpose 2 side nitrocellulose coated, heat sealable, barrier films	335MS	29.9	23.3	20	3	90	70	A400
	350MS	28.6	24.3					
	430MS	23.3	29.9					
	500MS	20.0	34.7					
	600MS	16.7	41.7					
Coloured, transparent, general purpose 2 side nitrocellulose coated, heat sealable, barrier films	335MSC	29.9	23.3	20	3	95	65	A105
	390MSC	25.7	27.1					
	600MSC	16.7	41.7					
Transparent, 1 side nitrocellulose coated, 1 side heat sealable lamination film	320DMS	31.3	22.2	150	3	90	70	A440
Transparent, 2 side nitrocellulose coated, heat sealable semi-permeable films	335LMS	29.9	23.3	600	3	85	75	A460
	430LMS	23.3	29.9					
Transparent, blue pigmented, 2 side nitrocellulose coated, heat sealable semi-permeable film	335LMSci	29.9	23.3	600	3	85	75	A465
Transparent, 2 side nitrocellulose coated, heat sealable permeable films	335PS	29.9	23.3	900	3	90	70	A470
	350PS	28.6	24.3					



[www.innoviafilms.com](http://www.innoviafilms.com)  
 email: [filmsinfo@innoviafilms.com](mailto:filmsinfo@innoviafilms.com)  
<sup>TM</sup>Trademark of Innovia Films Group

### Sales Offices

Europe (UK)  
 Americas (USA)  
 Asia-Pacific (Aus)

Tel +44 (0)16973 42281  
 Tel +1 877 822 3456  
 Tel +61 3 9303 0600

**Disclaimer:** Innovia Films or any of its affiliated companies (hereinafter 'Innovia Films') declines any liability with respect to the use made by any third party of the information contained herein. The information contained herein represents Innovia Films' best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, the accuracy, the completeness or relevance of the data set out herein). Innovia Films is the sole owner or authorised user of the intellectual property rights relating to the information communicated. The information relating to the use of the products is given for information purposes only. No guarantee or warranty is provided that the product is adapted to the client's specific use. The client should perform his own tests to determine the suitability for a particular purpose. The final choice of use of a product remains the sole responsibility of the client.