



Cotek Release Films

In response to market demand for **high quality, high performance** polyester liners with **consistent release** characteristics, Cotek has combined the advantage of significantly cheaper unprimed polyester film with the proven release performance of solventless silicone technology.

Release properties are accurately controlled to meet customer requirements, which has not been possible with traditional solvent based silicones historically used on polyester liners.

In fact, the release control performance is comparable to Cotek's highly regarded range of release papers.

Our collection of clear films are available from 12 micron to 125 micron, one or two side siliconised with easy, modified or differential release:

Thickness (μ)	Thermal Cure	14 - 1600 (mm)	UV Cure	14 - 1300 (mm)	Print Under Silicone	Back Print	Co-extruded (PT)	Straight (SPT)	Metallised (MPT)
12			•	•				•	•
23			•	•			•	•	•
36	•	•	•	•	•	•	•	•	•
50	•	•	•	•	•	•	•	•	
75	•	•	•	•	•	•	•	•	
100	•	•	•	•	•	•	•	•	
125	•	•	•	•	•	•	•	•	

Suitable for high technology applications such as medical dressings and specialist adhesive tapes, Cotek has the ability to back print or print under the silicone in one colour to specific customer requirements.

Finished reels from 1600mm wide can be offered with 100% solids solvent free thermal cure and from 1300mm wide for inerted UV cure. Pre-slit coils as narrow as 14mm wide are possible.

Specialising in accurate and stable silicone release coatings for over 50 years, our range of filmic liners include HDPE, metallised PET, blown coloured PP, MOPP and BOPP.

Please e-mail sales@cotek.co.uk or telephone **+44 (0)1386 700488** for further details.

Polyester

Grade	Thickness (μ)	Weight (g/m ²)	Density (g/cm ³)	Colours	Release Levels						Description
					1	2	3	4	6	8	
MPT012	12	16.8	1.4	M	•	•	•	•	•	•	1 side siliconised
MPT023	23	32.2	1.4	M	•	•	•	•	•	•	1 side siliconised
MPT036	36	50.4	1.4	M	•	•	•	•	•	•	1 side siliconised
SPT012	12	16.8	1.4	H	•	•	•	•	•	•	1 or 2 side siliconised
PT / SPT023	23	32.2	1.4	H	•	•	•	•	•	•	1 or 2 side siliconised
PT / SPT036	36	50.4	1.4	H	•	•	•	•	•	•	1 or 2 side siliconised
PT / SPT050	50	70	1.4	H	•	•	•	•	•	•	1 or 2 side siliconised
PT / SPT075	75	105	1.4	H	•	•	•	•	•	•	1 or 2 side siliconised
PT / SPT100	100	140	1.4	H	•	•	•	•	•	•	1 or 2 side siliconised
PT / SPT125	125	175	1.4	H	•	•	•	•	•	•	1 or 2 side siliconised

High Density Polyethylene

Grade	Thickness (μ)	Weight (g/m ²)	Density (g/cm ³)	Colours	Release Levels						Description
					1	2	3	4	6	8	
HD035	35	33.25	0.95	N	•	•	•	•	•	•	1 or 2 side siliconised
HD040	38	36.1	0.95	N R B	•	•	•	•	•	•	1 or 2 side siliconised
HD050	47	44.65	0.95	N W	•	•	•	•	•	•	1 or 2 side siliconised
HD075	75	71.25	0.95	W	•	•	•	•	•	•	1 or 2 side siliconised
HD080	80	76	0.95	B	•	•	•	•	•	•	1 or 2 side siliconised

Blown Polypropylene

Grade	Thickness (μ)	Weight (g/m ²)	Density (g/cm ³)	Colours	Release Levels						Description
					1	2	3	4	6	8	
PPB040	40	36	0.90	N	•	•	•	•	•	•	1 or 2 side siliconised
PPB040	40	36.8	0.92	W	•	•	•	•	•	•	1 or 2 side siliconised
PPB040	40	37.6	0.94	B/W	•	•	•	•	•	•	1 or 2 side siliconised

Mono Oriented Polypropylene

Grade	Thickness (μ)	Weight (g/m ²)	Density (g/cm ³)	Colours	Release Levels						Description
					1	2	3	4	6	8	
MOPP045	45	40.5	0.9	N W R B	•	•	•	•	•	•	1 or 2 side siliconised
MOPP060	60	54	0.9	N W	•	•	•	•	•	•	1 or 2 side siliconised
MOPP070	70	63	0.9	N W	•	•	•	•	•	•	1 or 2 side siliconised
MOPP100	100	90	0.9	N W	•	•	•	•	•	•	1 or 2 side siliconised

Biaxially Oriented Polypropylene

Grade	Thickness (μ)	Weight (g/m ²)	Density (g/cm ³)	Colours	Release Levels						Description
					1	2	3	4	6	8	
BOPP050	50	45.5	0.91	N	•	•	•	•	•	•	1 or 2 side siliconised

Not all qualities available from stock base. Alternative gauges and colours subject to mill minimum manufacture.

Colours: M = Metallised H = Hazy N = Natural R = Red B = Blue W = White B/W = Black/White

Release Levels	1	2	3	4	6	8
Release Force (g/25mm)	12	20	30	45	60	150

Tighter release levels are available on co-extruded thermal cured polyester as required

Tested according to CTM1, based on FINAT test method FTM10 using T24 Takstrip with a separation rate of 300mm/minute at an angle of 180° on samples aged at 60°C for 16 hours under a pressure of 1 psi.

The values quoted above are typical and the information is given in good faith without warranty. All goods are supplied in accordance with our standard conditions of sale, and no recommendations for specific application or use are offered: users are recommended to satisfy themselves on the suitability of a particular quality for their own application. We reserve the right to use raw materials from more than one source, unless specifically negotiated, whilst maintaining a commercial match within the terms of this specification.



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