

BUILDING & HOUSING

FILM SELECTOR GUIDE

INNOVATIVE
SOLUTIONS
for INDUSTRIAL
PRODUCTIONS by



PROCHIMIR

T E C H N I C A L F I L M S

MONOLAYER FILMS

Films	POLYOLEFINS						TPU						CoPA - CoPES	
	TC 1001	TC 1027	TC 1004	TC 1007	TC 1500	TC 1700	TC 5002	TC 5011	TC 5017 BO	TC 5025	TC 5562	IRT 1	TC 206	TC 420
Material	EVA	EVA	EVA	EVA	PE	PE	TPU	TPU	TPU	TPU	TPU	TPU	CoPA	CoPES
Melting range (°C)	58-62	75-85	75-85	90-95	100-105	115-130	70-90	115-125	145-155	160-175	180-185	160-165	110-120	115-120
Fluidity	Medium	High	Medium	Medium	Medium	Low	Low	Medium	Medium	Medium	Medium	Medium	High	High
Dry cleaning resistance	-	-	-	-	-	-	-	yes	yes	yes	yes	yes	yes	yes
Plasticizers resistance	-	-	-	-	-	-	yes	-	-	-	-	-	yes	yes
Hydrolysis resistance	yes	yes	yes	yes	yes	yes	-	-	-	-	yes	-	yes	yes
UV resistance	yes	yes	yes	yes	yes	yes	-	-	-	-	yes	yes	yes	-
Minimum thickness (µm)	25	25	25	25	25	25	15	15	30	15	15	15	15	15
Structure*	A	A	A	A	A	A	A/S	A - A/S	B - B/S	B - B/S	B - B/S	B - B/S	A - A/S	A - A/S
Comments	Very low activation temperature	High fluidity EVA for foams, nonwovens and fabrics	Strong adhesive with low activation temperature	EVA for foam and metal applications	Versatile PE film with large bonding range	Excellent adhesion on bituminous heavy layers, metals and elastomers	Excellent adhesion on flexible PVC	Excellent bonding on PU foams and textiles	Black-Out film	TPU barrier film with good chemical resistance and suitable for injection moulding	UV stabilized TPU ether film	Breathable UV stabilized membrane	Strong adhesive, barrier to PVC plasticizers	Strong CoPES adhesive

* A: Adhesive B: Barrier S: PE Carrier

MULTILAYER FILMS

Films	POLYOLEFINS				TPU		CoPA
	TC 1027 CX 00	TC 1019 CX 13	TC 1500 CX 01	TC 5125 CX 18	TC 5025 CX 03	TC 5050 CX 11	TC 205 CX 07
Material	EVA/PE	PE/PE	PE/PE	EVA/TPU	TPU/TPU	TPU/TPU	CoPA/EVA
Adhesive melting range (°C)	75-85	90-95	100-105	80-85	70-85	115-125	90-95
Barrier melting range (°C)	115-120	95-100	125-135	160-175	160-175	175-185	110-120
Fluidity (adhesive layer)	High	Low	Medium	Medium	Medium	Medium	High/Medium
Dry cleaning resistance	-	-	-	-	-	yes	-
Plasticizers resistance	-	-	-	-	-	-	yes
Hydrolysis resistance	yes	yes	yes	-	-	-	yes
UV resistance	yes	yes	yes	-	-	-	yes
Minimum thickness	25	25	25	25	20	60	25
Structure*	A/B - A/B/A	A/A	A/B - A/B/A	A/B - A/B/A	A/B - A/B/S	A/B/A	A/A
Comments	Low melting EVA film with PE barrier	Dedicated film for aluminium applications	General purpose multilayer PE film	Strong EVA adhesive with high temperature TPU barrier	Bilayer TPU film for foam covering	Trilayer Black-Out film	Strong dual adhesive film

* A: Adhesive B: Barrier S: PE Carrier



Versatile production & Production capacity

SUPPLY SECURITY

Efficient R&D & Customized development

COST EFFECTIVE PRODUCTS

ISO 9001:2008 & 20 years of experience

QUALITY



● PARIS

● PROCHIMIR



 **PROCHIMIR**
TECHNICAL FILMS

Z.I. de Montifaut - F-85700 Pouzauges - Tel. + 33 2 51 57 05 51 - Fax + 33 2 51 57 07 98 - email: films@prochimir.fr

www.prochimir.com