

# 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	POLYOLEFINES						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
Nature	EVA	EVA	EVA	EVA	PE	PE	PU	PU	PU	PU	PU	PU	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
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	PU 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

## MULTILAYER FILMS

Films	POLYOLEFINES				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
Nature	EVA/PE	PE/PE	PE/PE	EVA/PU	PU/PU	PU/PU	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	+	+	+	-	-	-	+
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 PU barrier	Bilayer PU film for foam covering	Trilayer Black-Out film	Dual adhesive film for demanding assemblage



Versatile production & Production capacity

**SUPPLY SECURITY**

Efficient R&D & Customized development

**COST EFFECTIVE PRODUCTS**

ISO 9001v2015 & 30 years of experience

**QUALITY**





● PARIS

● PROCHIMIR



**PROCHIMIR**  
TECHNICAL FILMS

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