

HEALTHCARE

FILM SELECTOR GUIDE

INNOVATIVE
SOLUTIONS
for INDUSTRIAL
PRODUCTIONS by

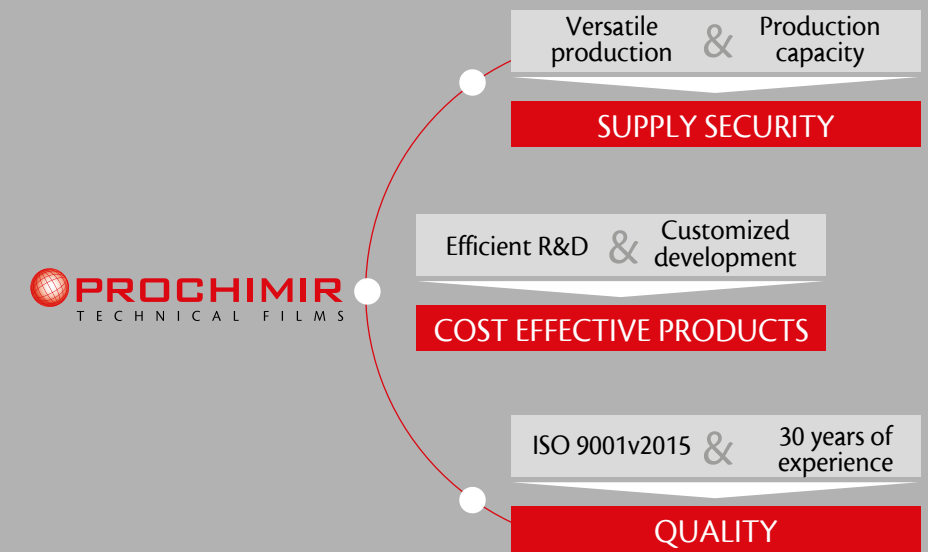


PROCHIMIR

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

MONOLAYER FILMS

Films	POLYOLEFINES			TPU			
	TC 1004	TC 1018	TC 1007	TC 5009	TC 5017	TC 5317	TC 5540
Nature	EVA	EVA	EVA	PU	PU	PU	PU
Melting range (°C)	75-85	80-85	90-95	95-105	145-155	145-155	160-170
Fluidity	Medium	Medium	Medium	Medium	Medium	Medium	High
Washing resistance (°C)	-	60	60	30	60	90	90
Hydrolysis resistance	yes	yes	yes	-	-	-	yes
Minimum thickness (µm)	25	25	25	15	15	15	15
Structure	A	A	A	A/S	A - A/S	B - B/S	B - B/S
Comments	Very soft EVA film with good compatibility with PSA	Soft EVA film with good compatibility with PSA and PU	EVA film for foam and nonwovens applications	Versatile PU bonding film	Excellent bonding on PU foams and textiles. USP class VI	USP class VI matt PU film for woundcare	Ether PU film for inflates and gel pads



MULTILAYER FILMS

Films	POLYOLEFINES		TPU	
	TC 1008 CX 96	TC 5009 CX 18	TC 5020 CX 29	TC 5020 CX 11
Nature	EVA/PP	EVA/PU	PU/PU	PU/PU
Adhesive melting range (°C)	80-90	80-85	95-105	115-125
Barrier melting range (°C)	140-160	95-105	145-155	145-155
Fluidity (adhesive layer)	Low	Medium	Medium	Medium
Washing resistance (°C)	-	30	30	60
Hydrolysis resistance	yes	-	-	-
Minimum thickness (µm)	30	20	40	40
Structure	A/B/A	A/A - A/A/S	A/B/A	A/B/A
Comments	Trilayer film with high temperature barrier for bonding on PE and PU substrates	Dual adhesive EVA/PU film	Elastic trilayer PU film	Elastic trilayer PU film

MEMBRANES

Films	POLYOLEFINES	TPU		PES	
	AA 7070	AA 5360	IRT 4	IR type A	IR type N
Nature	PP	PU	PU	PES	PES
Melting range (°C)	130-140	160-165	160-170	150-160	200-210
Washing resistance (°C)	60	95	95	60	95
MVTR (g/m ² /24h)	< 500	< 1000	3500	3500	2850
RET	N.A.	N.A.	0,8	0,8	0,7
Water column (mm)	10000	10000	10000	10000	10000
Minimum thickness (µm)	30	15	12	15	12
Structure	B	B - B/S	B - B/S	B - B/S	B - B/S
Comments	PVC alternative membrane	Dedicated to mattress protection	High breathable membrane	Food and drugs application	High performance and soft PES membrane



 **PROCHIMIR**
TECHNICAL FILMS

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