

# 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	POLYOLEFINS			TPU			
	TC 1004	TC 1018	TC 1007	TC 5009	TC 5017	TC 5317	TC 5540
Material	EVA	EVA	EVA	TPU	TPU	TPU	TPU
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 TPU bonding film	Excellent bonding on PU foams and textiles. USP class VI	USP class VI matt TPU film for woundcare	Ether TPU film for inflates and gel pads

\* A: Adhesive B: Barrier S: PE Carrier



Versatile production & Production capacity

**SUPPLY SECURITY**

Efficient R&D & Customized development

**COST EFFECTIVE PRODUCTS**

Iso 9001v2008 & 20 years of experience

**QUALITY**

## MULTILAYER FILMS

Films	POLYOLEFINS		TPU	
	TC 1008 CX 96	TC 5009 CX 18	TC 5020 CX 29	TC 5020 CX 11
Material	EVA/PP	EVA/TPU	TPU/TPU	TPU/TPU
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/TPU film	Elastic trilayer TPU film	Elastic trilayer TPU film

\* A: Adhesive B: Barrier S: PE Carrier

## MEMBRANES

Films	POLYOLEFIN	TPU		PES	
	AA 7070	AA 5360	IRT 4	IRT A	IRT N
Material	PP	TPU	TPU	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 <sup>2</sup> /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

\* A: Adhesive B: Barrier S: PE Carrier

\*\* ASTM E96-53T (upright cup)



● PARIS

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 **PROCHIMIR**  
TECHNICAL FILMS

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