

Pentalabel® films overview

application	polymer	shrinkage**	shrink force	clarity	seaming	high-speed application	shrink tunnel			container design/configuration				
							infrared	hot air	steam	simple contours	multiple contours	high shoulder	narrow neck	offset
shrink sleeve	PETG (TDO)	49-55	low	++	S	++	+	+	+	+				
		59-65	low	++	S	++	+	+	+	++	++			
		73-80	low	++	S	++	+	+	+	+++	++			
		73-80	high	++	S	++	*	+	+	+++	+++	++	++	++
	PVC (TDO)	47-53	low	+	S	+	*	+	+	+				
		55-60	low	+	S	++	*	+	+	++	++			
		62-69	low	+	S	++	*	+	+	++	++			
roll sleeve	PETG (MDO)	52-59	medium	+	S, HM, HB	+++		+	+	+	+	+		
		62-69	high	+	S, HM, HB	+++		+	+	+	+	+	+	
	PVC (MDO)	32-38	low	+	S, HM, HB	+++	*	+	+	+	+			
		47-53	medium	+	S, HM, HB	+++	*	+	+	+	+	+		
		62-65	high	+	S, HM, HB	+++	*	+	+	+	+	+	+	
wine capsule	PETG (TDO)	45-50	low	++	S	+	+			+++				
	PETG (TDO)	73-78	low	++	S	+	+			+++				
	PETG (MDO)	50-55	low	++	S	+	+			+				
	PVC (TDO)	42-48	low	+	S	+	+			++				
	PVC (MDO)	35-40	low	+	S	+	+			+				
pressure-sensitive shrink label	PETG (TDO)	73-80	high	++	PS	++				+++				
	PETG (MDO)	40-48	medium	+	PS	+				+				
	PVC (TDO)	60-65	low	+	PS	+				+				
	PVC (MDO)	40-48	medium	+	PS	+				+				

*Under certain conditions, film can be used in an infrared shrink tunnel.

**Tested at 95° C in hot water for 30 seconds. Pressure-sensitive MDO films are tested at various temperatures and time intervals depending upon application. Please contact us if you have additional questions.

S=solvent HB=heat bar HM=hot melt PS=pressure sensitive