

# FILM APPLICATION CHART

<p>Cell / Tissue / Bacterial Culture Fluorescence / Storage HPLC / Chromatography Luminescence / Microscopy Protein Crystallography Sonication</p>		Plate - Tube		Application						Product Attributes				Material																													
		Raised-Rim Micro-Plates	Flat-Top Micro-Plates	PCR, 8-Tube Strips/ Single Plate Row	Fluorescence / Storage	Luminescence / Storage	ELISA/Incubation/General	Cell/Tissue/Bact. Culture	Long Term Storage	Automation Compatible	Protein Crystallography	HPLC/Chromatography	Sonication	RNAse & DNase Free	Chemically Resistant	Pierceable	Optically Clear	Transparent	Light Blocking	Breathable	Film/Foil Thickness	Adhesive Thickness																					
No.	Description																								Temp. Range																		
202537	AbsorbMax™ Black Sealing Film, Non-Sterile	✓		✓																					-40°C to +80°C													Vinyl 203µm / 8 mil	Acrylic 37µm / 1.45mil				
202504	AeraSeal™ Sealing Film for Culture Plates, Non-Sterile	✓					✓							✓											-20°C to +80°C		✓												Rayon / Acrylic	139.7 µm / 5.5mil			
202505	AeraSeal™ Sealing Film for Culture Plates, Sterile	✓					✓							✓											-20°C to +80°C		✓												Rayon / Acrylic	139.7 µm / 5.5mil			
202504Roll	AeraSeal™ Sealing Film, Roll, Non-Sterile	✓					✓							✓											-20°C to +80°C		✓												Rayon / Acrylic	139.7 µm / 5.5mil			
202550NS	AeraSeal™ SealMate™ Dispenser Kit, Non-Sterile	✓					✓							✓											-20°C to +80°C		✓													Rayon / Acrylic	139.7 µm / 5.5mil		
202550	AeraSeal™ SealMate™ Dispenser Kit, Sterile	✓					✓							✓											-20°C to +80°C		✓													Rayon / Acrylic	139.7 µm / 5.5mil		
202551NS	AeraSeal™ Rolls for SealMate™ Dispenser, Non-Sterile	✓					✓							✓											-20°C to +80°C		✓													Rayon / Acrylic	139.7 µm / 5.5mil		
202551	AeraSeal™ Rolls for SealMate™ Dispenser, Sterile	✓					✓							✓											-20°C to +80°C		✓													Rayon / Acrylic	139.7 µm / 5.5mil		
202512	BrightMax™ Film, Non-Sterile	✓				✓																			-40°C to +80°C														Vinyl 203µm / 8mil	Acrylic 37µm / 1.45mil			
202547	ThermalSeal RTS™ for RT qPCR, Optically Clear, Non-Sterile	✓	✓						✓	✓	✓			✓	✓										-80°C to +105°C		✓	✓													Polyolefin 50.8µm / 2mil	Silicone 50.8µm / 2mil	
202547S	ThermalSeal RTS™ for RT qPCR, Optically Clear, Sterile	✓	✓						✓	✓	✓			✓	✓										-80°C to +105°C		✓	✓														Polyolefin 50.8µm / 2mil	Silicone 50.8µm / 2mil
202540	X-Pierce™ Film, Non-Sterile	✓								✓	✓	✓			✓										-40°C to +90°C		✓														Vinyl 88.9µm / 3.5mil	Acrylic 17.8µm / 0.7mil	
202541	X-Pierce™ Film, Sterile	✓								✓	✓	✓			✓										-40°C to +90°C		✓														Vinyl 88.9µm / 3.5mil	Acrylic 17.8µm / 0.7mil	
202515	Zone-Free™ Adhesive Film, Non-Sterile	✓								✓	✓				✓										-40°C to +90°C		✓															Polyethylene 69.9µm / 2.75mil	Acrylic 26.7µm / 1.05mil

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# FILM APPLICATION CHART

## ELISA / Incubation / General Purpose

No.	Description	Plate - Tube		Application							Product Attributes					Material						
		Raised-Rim Micro-Plates	Flat-Top Micro-Plates	PCR & Tube Strips/ Single Plate Row / Strip Wells	qPCR (Real-Time)	PCR	ELISA/Incubation/General Cell/Tissue/Bact. Culture	Long Term Storage	Automation Compatible	Protein Crystallography	HPLC/Chromatography	Sonication	Temp. Range	RNAse & DNAse Free	Chemically Resistant	Pierceable	Optically Clear	Transparent	Light Blocking	Breathable	Film/Foil Thickness	Adhesive Thickness
202557	EZcap™ General Purpose FilmStrips™, Non-Sterile	✓	✓			✓							-40°C to +120°C	✓			✓				Polypropylene 50.8µm / 2mil	Acrylic 24.1µm / 0.95mil
202558	EZcap™ General Purpose FilmStrips™, Sterile	✓	✓			✓							-40°C to +120°C	✓			✓				Polypropylene 50.8µm / 2mil	Acrylic 24.1µm / 0.95mil
202527	SealPlate® ColorTab™ Film, Non-Sterile, Assorted Colors (Blue, Green, Lavender, Orange, Red), Non-Sterile	✓				✓							-40°C to +120°C				✓				Polyester 50.81µm / 2mil	Acrylic 26.7µm / 1.05mil
202502	SealPlate® Sealing Film, Clear, Non-Sterile	✓				✓							-40°C to +120°C				✓				Polyester 50.8µm / 2mil	Acrylic 26.7µm / 1.05mil
202503	SealPlate® Sealing Film, Clear, Sterile	✓				✓							-40°C to +120°C				✓				Polyester 50.8µm / 2mil	Acrylic 26.7µm / 1.05mil
202552NS	SealPlate® SealMate™ Dispenser Kit, Non-Sterile	✓				✓							-40°C to +120°C				✓				Polyester 50.8µm / 2mil	Acrylic 26.7µm / 1.05mil
202552	SealPlate® SealMate™ Dispenser Kit, Sterile	✓				✓							-40°C to +120°C				✓				Polyester 50.8µm / 2mil	Acrylic 26.7µm / 1.05mil
202553NS	SealPlate® Rolls for SealMate™ Dispenser Kit, Non-Sterile	✓				✓							-40°C to +120°C				✓				Polyester 50.8µm / 2mil	Acrylic 26.7µm / 1.05mil
202553	SealPlate® Rolls for SealMate™ Dispenser Kit, Sterile	✓				✓							-40°C to +120°C				✓				Polyester 50.8µm / 2mil	Acrylic 26.7µm / 1.05mil
202506	SealPlate® MiniStrips™, Non-Sterile	✓	✓			✓							-40°C to +120°C				✓				Polyester 50.8µm / 2mil	Acrylic 26.7µm / 1.05mil
202507	SealPlate® MiniStrips™, Sterile	✓	✓			✓							-40°C to +120°C				✓				Polyester 50.8µm / 2mil	Acrylic 26.7µm / 1.05mil
202522RM	SealPlate® RollMate™ Dispenser w/Pre-Scored Sheets, Non-Sterile	✓				✓							-40°C to +120°C				✓				Polyester 50.8µm / 2mil	Acrylic 26.7µm / 1.05mil
202511NS	ThinSeal™ Film, Non-Sterile	✓				✓							-40°C to +120°C				✓				Polyester 25.4µm / 1mil	Acrylic 24.1µm / 0.95mil
202511	ThinSeal™ Film, Sterile	✓				✓							-40°C to +120°C				✓				Polyester 25.4µm / 1mil	Acrylic 24.1µm / 0.95mil

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## FILM APPLICATION CHART

Automation Compatible  
Long Term Storage

No.	Description	Plate - Tube			Application						Product Attributes					Material						
		Raised-Rim Micro-Plates	Flat-Top Micro-Plates	PCR 8-Tube Strips/Single Plate Row	qPCR	PCR	Luminescence / Microscopy	Cell/Tissue/Bact. Culture	Long Term Storage	Automation Compatible	Protein Crystallography	HPLC/Chromatography	Sonication	Temp. Range	RNase & DNase Free	Chemically Resistant	Pierceable	Optically Clear	Transparent	Light Blocking	Breathable	Film/Foil Thickness
202535	AlumaSeal CS™ Sealing Film, Non-Sterile	✓						✓					-80°C to +120°C	✓			✓				Aluminum Foil 50.8µm / 2mil	Acrylic 50.8µm / 2mil
202536	AlumaSeal CS™ Sealing Film, Sterile	✓						✓					-80°C to +120°C	✓			✓				Aluminum Foil 50.8µm / 2mil	Acrylic 50.8µm / 2mil
248897	AlumaSeal II™ Adhesive Aluminum Sealing Foil, Non-Sterile	✓			✓		✓	✓					-80°C to +120°C	✓	✓		✓				Aluminum Foil 35.6µm / 1.4mil	Acrylic 27.9µm / 1.1mil
248898	AlumaSeal II™ Adhesive Aluminum Sealing Foil, Sterile	✓			✓		✓	✓					-80°C to +120°C	✓	✓		✓				Aluminum Foil 35.6µm / 1.4mil	Acrylic 27.9µm / 1.1mil
248897Roll	AlumaSeal® Adhesive Aluminum Sealing Foil, Non-Sterile, Roll	✓			✓		✓	✓					-80°C to +120°C	✓	✓		✓				Aluminum Foil 38.1µm / 1.5mil	Acrylic 37.6µm / 1.48mil
202548	eXTReMe™ FoilSeal™, Non-Sterile	✓	✓		✓		✓	✓					-80°C to +120°C	✓	✓	✓					Aluminum Foil 48.3µm / 1.9mil	Acrylic 30.5µm / 1.2mil
202519	EZ Pierce Adhesive Sealing Film, Non-Sterile	✓						✓					-40°C to +90°C	✓	✓						Polyethylene 69.9µm / 2.75mil	Acrylic 24.1µm / 0.95mil
202520	EZ Pierce Adhesive Sealing Film, Sterile	✓						✓					-40°C to +90°C	✓	✓						Polyethylene 69.9µm / 2.75mil	Acrylic 24.1µm / 0.95mil
202555	EZCap™ FoilStrips™, Non-Sterile	✓	✓		✓		✓	✓					-80°C to +120°C	✓	✓	✓			✓		Aluminum Foil 50.8µm / 2.mil	Acrylic 36.8µm / 1.45mil
202510	FoilSeal™ RollMate™ Film Dispenser with Pre-Scored Sheets	✓	✓		✓		✓	✓					-80°C to +120°C	✓	✓	✓			✓		Aluminum Foil 50.8µm / 2mil	Acrylic 36.8µm / 1.45mil
202547	ThermalSeal RTS™ for RT qPCR, Optically Clear, Non-Sterile	✓	✓		✓		✓	✓	✓				-80°C to +105°C	✓	✓	✓					Polyolefin 50.8µm / 2mil	Silicone 50.8µm / 2mil
202547S	ThermalSeal RTS™ for RT qPCR, Optically Clear, Sterile	✓	✓		✓		✓	✓	✓				-80°C to +105°C	✓	✓	✓					Polyolefin 50.8µm / 2mil	Silicone 50.8µm / 2mil
252000Roll	ThermalSeal RTS™ for RT qPCR, Optically Clear, Non-Sterile, Roll	✓	✓		✓		✓	✓	✓				-80°C to +105°C	✓	✓	✓					Polyolefin 50.8µm / 2mil	Silicone 50.8µm / 2mil
202540	X-Pierce™ Film, Non-Sterile	✓						✓	✓	✓			-40°C to +90°C		✓		✓				Vinyl 88.9µm / 3.5mil	Acrylic 17.8µm / 0.7mil
202541	X-Pierce™ Film, Sterile	✓						✓	✓	✓			-40°C to +90°C		✓		✓				Vinyl 88.9µm / 3.5mil	Acrylic 17.8µm / 0.7mil
202515	Zone-Free™ Adhesive Film, Non-Sterile	✓						✓	✓				-40°C to +90°C		✓		✓				PP/PE 69.9µm / 2.75mil	Acrylic 26.7µm / 1.05mil

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# FILM APPLICATION CHART

**PCR** and **qPCR**

No.	Description	Plate - Tube			Application						Product Attributes					Material						
		Raised-Rim Micro-Plates	Flat-Top Micro-Plates	PCR & Tube Strips/Single Plate Row	qPCR (Real-Time)	PCR	ELISA/Incubation/General	Cell/Tissue/Bact. Culture	Long Term Storage	Automation Compatible	Protein Crystallography	HPLC/Chromatography	Sonication	Temp. Range	RNAse & DNAse Free	Chemically Resistant	Pierceable	Optically Clear	Transparent	Light Blocking	Breathable	Film/Foil Thickness
248897	AlumaSeal II® Adhesive Aluminum Sealing Foil, Non-Sterile	✓			✓		✓	✓					-80°C to +120°C	✓	✓		✓				Aluminum Foil 35.6µm / 1.4mil	Acrylic 27.9µm / 1.1mil
248898	AlumaSeal II® Adhesive Aluminum Sealing Foil, Sterile	✓			✓		✓	✓					-80°C to +120°C	✓	✓		✓				Aluminum Foil 35.6µm / 1.4mil	Acrylic 27.9µm / 1.1mil
248897ROLL	AlumaSeal® Adhesive Aluminum Sealing Foil, Non-Sterile, Roll	✓			✓		✓	✓					-80°C to +120°C	✓	✓		✓				Aluminum Foil 37.8µm / 1.5mil	Acrylic 37.8µm / 1.48mil
202548	eXTReme™ FoilSeal™, Non-Sterile	✓	✓		✓		✓	✓					-80°C to +120°C	✓	✓	✓	✓				Aluminum Foil 48.3µm / 1.9mil	Acrylic 30.5µm / 1.2mil
202560	eXTReme™ Seal, Clear, Non-Sterile	✓	✓		✓	✓							-40°C to +120°C	✓		✓					Polyester 50.8µm / 2mil	Acrylic 41.9µm / 1.65mil
202561	eXTReme™ Seal, Large, Clear, Non-Sterile		✓		✓	✓							-40°C to +120°C	✓		✓					Polyester 50.8µm / 2mil	Acrylic 41.9µm / 1.65mil
202555	EZCap™ FoilStrips™, Non-Sterile	✓	✓		✓		✓	✓					-80°C to +120°C	✓	✓	✓		✓			Aluminum Foil 50.8µm / 2mil	Acrylic 36.8µm / 1.45mil
202556	EZCap™ PCR FilmStrips™, Non-Serile	✓	✓		✓	✓							-40°C to +120°C	✓		✓					Polyester 50.8µm / 2mil	Acrylic 41.9µm / 1.65mil
202510	FoilSeal™ RollMate™ Film Dispenser with Pre-Scored Sheets	✓	✓		✓		✓	✓					-80°C to +120°C	✓	✓	✓		✓			Aluminum Foil 50.8µm / 2mil	Acrylic 36.8µm / 1.45mil
202500	ThermalSeal® Film, Clear, Non-Sterile		✓		✓								-40°C to +120°C	✓	✓		✓				Polypropylene 50.8µm / 2mil	Acrylic 24.1µm / 0.95mil
202501	ThermalSeal® Film, Clear, Sterile		✓		✓								-40°C to +120°C	✓	✓		✓				Polypropylene 50.8µm / 2mil	Acrylic 24.1µm / 0.95mil
202509	ThermalSeal® MiniStrips™, Non-Sterile		✓		✓								-40°C to +120°C	✓		✓					Polypropylene 50.8µm / 2mil	Acrylic 24.1µm / 0.95mil
202545	ThermalSeal A® Sealing Film, Non-Sterile	✓	✓		✓								-40°C to +120°C	✓		✓					Polyester 50.8µm / 2mil	Acrylic 41.9µm / 1.65mil
202547	ThermalSeal RTS™ for RT qPCR, Optically Clear, Non-Sterile	✓	✓		✓		✓	✓	✓				-80°C to +105°C	✓	✓	✓					Polyolefin 50.8µm / 2mil	Silicone 50.8µm / 2mil
202547S	ThermalSeal RTS™ for RT qPCR, Optically Clear, Sterile	✓	✓		✓		✓	✓	✓				-80°C to +105°C	✓	✓	✓					Polyolefin 50.8µm / 2mil	Silicone 50.8µm / 2mil
252000	ThermalSeal RT™ for RT qPCR, Optically Clear, Non-Sterile		✓		✓								-40°C to +120°C	✓		✓					Polyester 50.8µm / 2mil	Acrylic 29.2µm / 1.15mil
252005	ThermalSeal RT2RR™ for RT qPCR, Optically Clear, Non-Sterile	✓	✓		✓								-40°C to +120°C	✓		✓					Polyester 50.8µm / 2mil	Acrylic 29.2µm / 1.15mil
252000ROLL	ThermalSeal RTS™ for RT qPCR, Optically Clear, Non-Sterile, Roll	✓	✓		✓		✓	✓	✓				-80°C to +105°C	✓	✓	✓					Polyolefin 50.8µm / 2mil	Silicone 50.8µm / 2mil

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