





iST Heatseal

Heatseal sealing film application guide

	Product Description	Appearance	Solvent Resistance	Temp Range°C	Gas Permeable	Peelable/Pierceable	Plate Compatibility	Application
	ClearASeal Peel Clear peelable film with moderate solvent resistance	Transparent film	Moderate	-80 to 80	No	Peelable	PP,PE,PS,PC,COC	qPCR, short term compound storage
	ClearASeal Pierce Clear pierceable film with moderate solvent resistance	Transparent film	Moderate	-80 to 80, or 110 with pressurised PCR heated	No	Pierceable	PP,PE,PS,PC,COC	Recommended for use with Abi 3730 PCR sequencer
	ClearASeal Weld Clear strong bond heat seal for water bath PCR	Transparent film	Good DMSO	-80 to 110	No	No	PP	Optically clear, ideal for water bath PCR, use with DMSO & hazardous materials
	PeelASeal Foil Peelable foil for PP plates	Foil (white laminate)	Moderate	-80 to 110	No	Peelable	PP,PE,PS,COC	PCR, good liquid barrier, low temp short term compound storage, can be re sealed
	PeelASeal DMSO Foil Peelable DMSO Resistant Foil	Foil	Excellent	-80 to 80	No	Peelable	PP,PE,COC	Compound storage at low & ambient temperature, with DMSO & other solvents
	PierceASeal Foil Pierceable foil seal with good solvent resistance	Foil with green dashed line	Good DMSO	-20 to 120	No	Pierceable	PP,PE,COC	PCR, compound storage, sample shipping, can be sealed over existing seal
	PierceASeal Foil PS High grade pierceable peelable foil seal with good solvent resistance	Foil with solid green line	Good DMSO	-20 to 110	No	Pierceable, peelable to PS plates	PP,PS	PCR, low temp compound storage, short term ambient temp storage, can be re-applied
	ThermASeal Foil Strong bonding foil to PP for water thermal cyclers	Foil	Good DMSO	-200 to 110	No	Peelable	PP,PS	PCR, Ideal for water bath thermo cyclers, long term compound storage for hazardous materials
	Gas PermASeal Non-woven gas permeable peelable, for cell culture	Non-woven cream	None	-20 to 80	Yes, impervious to fluids	Peelable Pierceable	PP,PS,PC	Short term incubation, agriculture & seed storage, cell culture, for use in autoclaves
	ClearASeal Perf Clear perforated gas permeable film for cell & seed culture	Transparent perforated film	Moderate	-80 to 80	Yes	Peelable Pierceable	PP,PS	Short term incubation, seed & insect storage, cell culture, can be resealed for transport
	PeelASeal Foil SUPER Peelable foil laminate for any plate type	Foil (White Laminate)	Good DMSO Resistant	-80 to 110	No	Peelable	PP,PE,PS,COC	PCR, low temperature, short term compound storage, short term room temperature compound storage
	Gas PermASeal II Gas permeable peelable seal for limited gaseous exchange	Grid effect coated paper	None	-20 to 80	Yes	Pierceable Peelable	PP,PS,PC,COC	Short term incubation, agriculture and seed storage, insect storage and cell culture

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Sealing equipment	
	IST-207 HeatASeal A1000E, KBS Wasp/Chameleon, LGC Kube, ThermoALPS3000/ALPS5000, REMP Portrait (78mm)
	IST-206 HeatASeal-M500, IST-208 HeatASeal-S800, BS FLY2, 4s2
	Agilent Plateloc, REMP Landscape (115mm)

PeelASeal Foil			
Key	Pack	Size	Product code
	1 std LabRoll	610m x 78mm	IST-104-078LR
	1 Sterile LabRoll	610m x 78mm	IST-104-078SR
	1 VII Std LabRoll	500m x 115mm	IST-104-115LR
	1 Sterile VII LabRoll	500m x 115mm	IST-104-115SR
	100 Std LabSheets	125mm x 78mm	IST-104-078LS
	100 Sterile LabSheets	125mm x 78mm	IST-104-078SS
	Trial Roll 78mm Wide	5m x 78mm	IST-104-078TR
	Trial Roll 115mm Wide	5m x 115mm	IST-104-115TR
	Trial Sheets	125mm x 78mm	IST-104-078TS

ClearASeal Peel			
Key	Pack	Size	Product code
	1 std LabRoll	500m x 78mm	IST-101-078LR
	1 Sterile LabRoll	500m x 78mm	IST-101-078SR
	1 VII Std LabRoll	350m x 115mm	IST-101-115LR
	1 Sterile VII LabRoll	350m x 115mm	IST-101-115SR
	100 Std LabSheets	125mm x 78mm	IST-101-078LS
	100 Sterile LabSheets	125mm x 78mm	IST-101-078SS
	Trial Roll 78mm Wide	5m x 78mm	IST-101-078TR
	Trial Roll 115mm Wide	5m x 115mm	IST-101-115TR
	Trial Sheets	125mm x 78mm	IST-101-078TS

PeelASeal DMSO Foil			
Key	Pack	Size	Product code
	1 std LabRoll	500m x 78mm	IST-105-078LR
	1 Sterile LabRoll	500m x 78mm	IST-105-078SR
	1 VII Std LabRoll	500m x 115mm	IST-105-115LR
	1 Sterile VII LabRoll	500m x 115mm	IST-105-115SR
	100 Std LabSheets	125mm x 78mm	IST-105-078LS
	100 Sterile LabSheets	125mm x 78mm	IST-105-078SS
	Trial Roll 78mm Wide	5m x 78mm	IST-105-078TR
	Trial Roll 115mm Wide	5m x 115mm	IST-105-115TR
	Trial Sheets	125mm x 78mm	IST-105-078TS

ClearASeal Pierce for Abi 3730			
Key	Pack	Size	Product code
	1 std LabRoll	610m x 78mm	IST-103-078LR
	1 Sterile LabRoll	610m x 78mm	IST-103-078SR
	1 VII Std LabRoll	500m x 115mm	IST-103-115LR
	1 Sterile VII LabRoll	500m x 115mm	IST-103-115SR
	100 Std LabSheets	125mm x 78mm	IST-103-078LS
	100 Sterile LabSheets	125mm x 78mm	IST-103-078SS
	Trial Roll 78mm Wide	5m x 78mm	IST-103-078TR
	Trial Roll 115mm Wide	Wide 5m x 115mm	IST-103-115TR
	Trial Sheets	125mm x 78mm	IST-103-078TS

PierceASeal Foil			
Key	Pack	Size	Product code
	1 std LabRoll	610m x 78mm	IST-106-078LR
	1 Sterile LabRoll	610m x 78mm	IST-106-078SR
	1 VII Std LabRoll	500m x 115mm	IST-106-115LR
	1 Sterile VII LabRoll	500m x 115mm	IST-106-115SR
	100 Std LabSheets	125mm x 78mm	IST-106-078LS
	100 Sterile LabSheets	125mm x 78mm	IST-106-078SS
	Trial Roll 78mm Wide	5m x 78mm	IST-106-078TR
	Trial Roll 115mm Wide	5m x 115mm	IST-106-115TR
	Trial Sheets	125mm x 78mm	IST-106-078TS

ClearASeal Weld			
Key	Pack	Size	Product code
	1 std LabRoll	610m x 78mm	IST-102-078LR
	1 Sterile LabRoll	610m x 78mm	IST-102-078SR
	1 VII Std LabRoll	500m x 115mm	IST-102-115L
	1 Sterile VII LabRoll	500m x 115mm	IST-102-115SR
	100 Std LabSheets	125mm x 78mm	IST-102-078LS
	100 Sterile LabSheets	125mm x 78mm	IST-102-078SS
	Trial Roll 78mm Wide	5m x 78mm	IST-102-078TR
	Trial Roll 115mm Wide	5m x 115mm	IST-102-115TR
	Trial Sheets	125mm x 78mm	IST-102-078TS

ClearASeal Weld			
Key	Pack	Size	Product code
	1 std LabRoll	610m x 78mm	IST-107-078LR
	1 Sterile LabRoll	610m x 78mm	IST-107-078SR
	1 VII Std LabRoll	500m x 115mm	IST-107-115L
	1 Sterile VII LabRoll	500m x 115mm	IST-107-115SR
	100 Std LabSheets	125mm x 78mm	IST-107-078LS
	100 Sterile LabSheets	125mm x 78mm	IST-107-078SS
	Trial Roll 78mm Wide	5m x 78mm	IST-107-078TR
	Trial Roll 115mm Wide	5m x 115mm	IST-107-115TR
	Trial Sheets	125mm x 78mm	IST-107-078TS

IST Heatseal
Heatseal sealing film product

Sealing equipment	
	IST-207 HeatASeal A1000E, KBS Wasp/Chameleon, LGC Kube, ThermoALPS3000/ALPS5000, REMP Portrait (78mm)
	IST-206 HeatASeal-M500, IST-208 HeatASeal-S800, BS FLY2, 4s2
	Agilent Plateloc, REMP Landscape (115mm)

ThermASeal Foil			
Key	Pack	Size	Product code
	1 std LabRoll	500m x 78mm	iST-108-078LR
	1 Sterile LabRoll	500m x 78mm	iST-108-078SR
	1 VII Std LabRoll	350m x 115mm	iST-108-115LR
	1 Sterile VII LabRoll	350m x 115mm	iST-108-115SR
	100 Std LabSheets	125mm x 78mm	iST-108-078LS
	100 Sterile LabSheets	125mm x 78mm	iST-108-078SS
	Trial Roll 78mm Wide	5m x 78mm	iST-108-078TR
	Trial Roll 115mm Wide	5m x 115mm	iST-108-115TR
	Trial Sheets	125mm x 78mm	iST-108-078TS

PeelASeal Foil SUPER			
Key	Pack	Size	Product code
	1 std LabRoll	610m x 78mm	iST-114-078LR
	1 Sterile LabRoll	610m x 78mm	iST-114-078SR
	1 VII Std LabRoll	500m x 115mm	iST-114-115LR
	1 Sterile VII LabRoll	500m x 115mm	iST-114-115SR
	100 Std LabSheets	125mm x 78mm	iST-114-078LS
	100 Sterile LabSheets	125mm x 78mm	iST-114-078SS
	Trial Roll 78mm Wide	5m x 78mm	iST-114-078TR
	Trial Roll 115mm Wide	5m x 115mm	iST-114-115TR
	Trial Sheets	125mm x 78mm	iST-114-078TS

Gas PermASeal			
Key	Pack	Size	Product code
	1 std LabRoll	200m x 78mm	iST-110-078LR
	1 Sterile LabRoll	200m x 78mm	iST-110-078SR
	1 VII Std LabRoll	200m x 115mm	iST-110-115LR
	1 Sterile VII LabRoll	200m x 115mm	iST-110-115SR
	100 Std LabSheets	125mm x 78mm	iST-110-078LS
	100 Sterile LabSheets	125mm x 78mm	iST-110-078SS
	Trial Roll 78mm Wide	5m x 78mm	iST-110-078TR
	Trial Roll 115mm Wide	5m x 115mm	iST-110-115TR
	Trial Sheets	125mm x 78mm	iST-110-078TS

Gas PermASeal II			
Key	Pack	Size	Product code
	1 std LabRoll	610m x 78mm	iST-113-078LR
	1 Sterile LabRoll	610m x 78mm	iST-113-078SR
	1 VII Std LabRoll	500m x 115mm	iST-113-115LR
	1 Sterile VII LabRoll	500m x 115mm	iST-113-115SR
	100 Std LabSheets	125mm x 78mm	iST-113-078LS
	100 Sterile LabSheets	125mm x 78mm	iST-113-078SS
	Trial Roll 78mm Wide	5m x 78mm	iST-113-078TR
	Trial Roll 115mm Wide	5m x 115mm	iST-113-115TR
	Trial Sheets	125mm x 78mm	iST-113-078TS

ClearASeal Perf			
Key	Pack	Size	Product code
	1 std LabRoll	500m x 78mm	iST-111-078LR
	1 Sterile LabRoll	500m x 78mm	iST-111-078SR
	1 VII Std LabRoll	350m x 115mm	iST-111-115L
	1 Sterile VII LabRoll	350m x 115mm	iST-111-115SR
	100 Std LabSheets	125mm x 78mm	iST-111-078LS
	100 Sterile LabSheets	125mm x 78mm	iST-111-078SS
	Trial Roll 78mm Wide	5m x 78mm	iST-111-078TR
	Trial Roll 115mm Wide	5m x 115mm	iST-111-115TR
	Trial Sheets	125mm x 78mm	iST-111-078TS