

FLUIDX THERMAL AND ADHESIVE SEAL RANGE

ADHESIVE SEALS										
Description	Pre-cut	Rolls			More					Applications
		Xcs-384	Abgene format, Seal-It100	Velocity 11 format	Appearance	Solvent resistance	Temperature range °C	Gas permeable	Peelable/Pierceable	
Adhesive PCR seals, transparent, peelable	41-1001 (117mm* x 80mm, 100 sheets)	40-1006 (90mm x100m)	40-1008 (90mm x100m)		Clear film	Good	-80 to 120	No	Peelable	PCR
Adhesive, transparent seal for PP and PS plates. (A less expensive version of 41-1001)	41-1002 (100 sheets)				Clear film	None	-20 to 120	No	Peelable	Temporary storage of aqueous samples. Not recommended for PCR or low temperature storage.
Adhesive PCR foil seals	41-1003 (122mm* x 80mm,100 sheets)		40-1009 (90mm x200m)		Foil	Good	-20 to 150	No	Pierceable & peelable	PCR.
Adhesive clear seals for QPCR and fluorescence applications	41-1004 (120mm* x 80mm, 100 sheets)	40-1007 (90mm x100m)			Optically clear film	Good	-80 to 110	No	Pierceable & peelable	Suitable for QPCR, fluorescence, crystallography and genotyping applications. Non-sticky, pressure-sensitive
Adhesive silicone foil, high solvent resistance, Pierceable	41-1006 (100 sheets)	40-1011 with adapter (81mm x 150m)			Foil	Excellent	-80 to 120	No	Pierceable	Ideal for sealing plates containing DMSO. A best-seller!
Adhesive silicone foil, high solvent resistance, peelable	41-1007 (122mm* x 80mm,100 sheets)	40-1012 with adapter (81mm x 150m)			Foil	Excellent	-80 to 120	No	Peelable	Ideal for sealing plates containing DMSO. Non-stick, pressure-sensitive adhesive. A best-seller!
Adhesive polyolefin film, peelable, solvent resistance	41-1008 (120mm* x 80mm, 100 sheets)	40-1003 (90mm x100m)			Clear film	Good	-25 to 120	No	Peelable	No contact between sample and adhesive. Non-sticky, pressure-sensitive adhesive. Particularly suitable for imaging and protein crystallography applications.
Standard adhesive foil, Pierceable	41-1009 (100 sheets)	40-1002 (90mm x100m)			Foil	Good	-80 to 120	No	Pierceable	Standard Pierceable foil, suitable for microplate storage at low temperatures, PCR.
Standard adhesive foil, peelable	41-1010 (100 sheets)	40-1001 (90mm x100m)			Foil	Good	-80 to 120	No	Peelable	Standard peeling foil, suitable for microplate storage at low temperatures, PCR.
Black PE foil, light resistant, solvent resistant, peelable	41-1011 (142mm* x 80mm, 50 sheets)	40-1010			Black	Good	-40 to 60	No	peelable	Ideal for light sensitive applications.
PQ foam-backed seal for PCR	41-1012 (50 sheets)				Cream foam	None	-20 to 40	No	Peelable	3M seal for PCR.
DMSO-resistant adhesive foil, peelable	41-1015 (122mm* x 80mm, 100 sheets)	40-1013			Gold	Excellent	-80 to 120	No	Peelable	Compound storage.
Gas permeable adhesive membrane, impervious to fluids.	41-1005 (132mm* x 80mm, 50 sheets)	40-1005 with adapter (81mm x 100m)			Non-woven, cream	None	10 to 120	Yes but impervious to fluids	Peelable	Gas permeable membrane for enhanced cell growth. Suitable for use in autoclave and similar equipment. Enhances cell growth.
Gas permeable adhesive seal	41-1013 (122mm* x 80mm, 50 sheets)				Cream	None	10 to 120	Yes	Peelable	Able to place a temporary seal over the top for transportation.
Gas permeable adhesive polyolefin film, pre-pierced for gas exchange	41-1014 (126mm* x 80mm, 50 sheets)	40-1004 (90mm x100m)			Clear film	Good	-25 to 120	Yes	Peelable	Particularly suitable for imaging and protein crystallography applications. Pre-pierced foil ensures Good gas exchange. Reinforce and differentiate gas permeable culture membranes to be used as cell growth platforms.

* size when adhesive strip removed



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HEAT SEALS										
Description	Pre-cut	Rolls			More					Applications
		Xts-384 format	ALPS 100	ALPS 300/3000 format	PlateLoc format	Colour	Solvent resistance	Temperature range °C	Gas permeable	
EZ Peel, peelable heat seal for PP plates	44-1001 (125mm x 78mm, 100 sheets)	43-1021 (500m), 43-2021 (25m sample roll)	43-1001 (610m x 78mm), 43-2001 (25m sample roll)		Foil	Resistant to DMSO at <4degC	-90 to 120	No	Peelable direct from freezer.	Good barrier to aqueous solutions. Low temperature compound storage, short term room temperature compound storage, PCR. Seals can be re-applied.
EZ Pierce 20um, Pierceable seal for PP plates.	44-1002 (125mm x 78mm, 100 sheets)		43-1005 (610m x 78mm), 43-2005 (25m sample roll)	43-1007 (500m x 115.5mm), 43-2007 (25m sample roll)	Foil	Good	-80 to 120 degC.	No	Pierceable with tip	Compound storage, sample shipping, PCR. Can re-seal over existing seal. (Thinner version of 44-1004).
EZ Pierce foil heat seal	44-1004 (125mm x 78mm, 100 sheets)		43-1012 (610m x 78mm), 43-2012 (25m sample roll)	43-1020 (500m x 115.5mm), 43-2020 (25m sample roll)	Foil	Good	-80 to 120	No	Can be pierced with tip. Peelable	For pp plates. Compound storage, sample shipping, PCR. Suitable for use with DMSO. Can add a secondary seal over the top for transportation.
Thermal Bond, Heavy Duty Foil	44-1006 (125mm x 78mm, 100 sheets)		43-1017 (500m x 78mm), 43-2017 (25m sample roll)	43-1019 (500m x 115.5mm), 43-2019 (25m sample roll)	Foil	Good	-20 to 120	No	Peelable	A long term seal. Suitable for use with DMSO and hazardous materials.
Cristal Clear Seal, peelable seal for PP and PS plates, Good optical clarity.	44-1003 (125mm x 78mm, 100 sheets)		43-1008 (500m x 78mm), 43-2008 (25m sample roll)	43-1010 (500m x 115.5mm), 43-2010 (25m sample roll)	Clear film	Moderate	-80 to 120	No	Peelable	Use with pp plates, Good optical clarity. Suitable for QPCR, fluorescence.
Clear Weld Seal	44-1005 (125mm x 78mm, 100 sheets)		43-1015 (610m x 78mm), 43-2015 (25m sample roll)		Clear film	Good	-80 to 120	No	No	Optically clear for visual inspection. Suitable for use with DMSO and hazardous materials.
Gas Permeable Heat Seal	44-1007 (100 sheets)		Available		Non-woven, cream	None	10 to 120	Yes	Peelable	Gas permeable membrane that provides a barrier to solid contaminants. Suitable for cell culture. Seals PP and PS plates.
DMSO Resistant Peel Seal	44-1008 (125mm x 78mm, 100 sheets)		43-1030 (500m x 78mm), 43-2030 (25m sample roll)	43-1031 (500m x 115mm), 43-2031 (sample roll, also available in REMF format)	Foil	Excellent	-80 to 120 degC	No	Peelable	Compound storage with DMSO, low and room temperature.
Clear Seal for ABI 3730 sequencer			43-1011 (610m x 78mm) for ABI3730 sequencer, 43-2011 (25m sample roll)		Clear thin film			No		PCR sequencing.