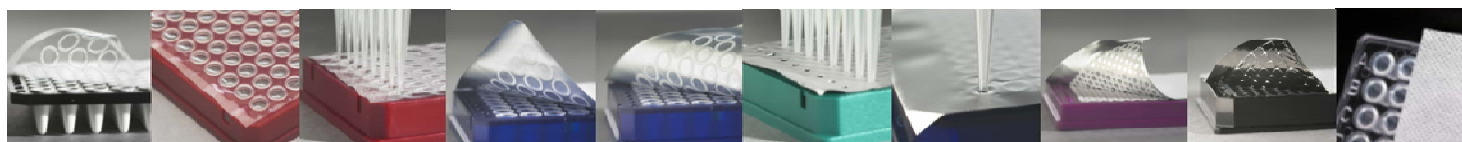


Heat Sealing Films & Foils



Product Type	Clear Seal Heat	Clear Weld Seal Mark II Heat	Clear Seal 3730 Heat	Peel Seal Heat	DMSO Resistant Peel Seal Heat	Pierce Seal Heat	Foil Seal Heat	Thermal Bond Heat	Black Seal Heat	Gas Permeable Heat Seal Heat
Application	qPCR, short term compound storage.	PCR (esp. water bath), qPCR. Storage & disposal of hazardous materials.	For use with ABI 3730 Sequencer.	Low temperature, compound storage, short term room temperature compound storage (<5 days), PCR.	Low temperature / room temperature compound storage with DMSO [^] & other organic solvents.	PCR, compound storage, sample shipping	Low temperature compound storage, short-term room temperature compound storage, PCR.	Low temperature transportation & storage. PCR, esp. water bath cyclers. Storage of organic solvents, acids & alkalines.	Fluorescent & other light sensitive assays	Cell culture, over night incubation, seed & insect storage.
Special Properties	Good optical clarity. Moderate solvent resistance.	Good optical clarity & resistant to DMSO.	Good optical clarity, some solvent resistance.	Can be peeled directly from -80°C freezer. Moderate resistance to solvents at room temperature.	Can be peeled directly from -80°C freezer. High resistance to solvents even at elevated temperatures.	Easily pierceable. Resistant to DMSO. Re-sealable with another Pierce Seal. Colour print identifies non-sealing surface.	Re-sealable with another Foil Seal. Colour print identifies non-sealing surface.	Very strong seal with PP. Resistant to DMSO and other solvents	Coated on sealing surface with low fluorescence black pigment.	Permeable to gasses. Permeability rate >4000g/sqm/24h. 35µm pore size.
Min Temp	-80°C	-80°C	-80°C	-80°C	-80°C	-20°C	-20°C	-80°C	-20°C	-20°C
Max Temp	80°C (or 110°C with pressurised PCR heated lid)	110°C	80°C (or 110°C with pressurised PCR heated lid)	110°C	80°C	120°C	110°C	110°C	80°C	80°C
Sterile?	No	No	No	No	No	No*	No*	No	No*	No*
Pierceable	No	No	Yes	No	No	Yes	Yes	No	No	Yes
Peelable	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes
RNase/DNase free	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No
Material	Laminate	Laminate	Polymer	Laminate	Laminate	Foil	Foil	Laminate	Foil	Woven material
Seals to	PP, PE, PS, COC	PP	PP, PE, PS, COC	PP	PP	PP, PS	PP, PS	PP	PS	PP, PS, COC
Roll length m (78mm width)	500	610	610	600	500	610	610	500	610	200
Roll length m (115mm width)	350	500	500	500	500	500	500	300	500	-
Product Codes										
Roll 78mm ¹	500135	500143	500139	500127	500160	500131	500141	500145	500173	500184
Trial roll (78mm width ¹)	500136	500144	500140	500128	500161	500131S	500142	500146	500173S	500184S
Roll 115mm ²	500137	500159	500167	500129	500162	500133	500149	500181	500174	-
Trial roll (115mm width ²)	500138	500159S	500167S	500129S	500163	500134	500150	500182	500174S	-
Pack of 100 sheets (125mm x 78mm)	500156	500177	500185*	500152	500164 [#]	500153	500154	500155	500175	500158

[^] 100% DMSO can be stored at room temperature for 12 months with no deterioration of the seal quality
^{*} Available as sterile on request
[†] Roll of 1000 Perforated Sheets
[#] Supplied on a perforated roll
¹ Compatible with Thermo Fisher ALPSs 300™ / ALPS3000™ / KBiosystems Chameleon™ / KBioscience FlexiSeal & Remp/Tecan Plate Sealer
² Compatible with Agilent (Velocity 11)PlateLoc®
 PP Polypropylene
 PS Polystyrene
 COC Cyclic Olefin Copolymer
 PE Polythene
 NB Rolls are also available on 150mm core for Remp/Tecan sealers. Please enquire.