

Sealing foil, heat, laminate, Thermo-Seal

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Ideal for transportation and high temperature applications such as PCR*, including use in waterbath thermal cyclers (e.g., H₂OBIT™).

- Very strong seal that can only be peeled using the foil stripper
- Can be pierced with a single pipette tip or pierce plate or peeled using a foil stripper tool
- Excellent chemical resistance: recommended for use with DMSO
- Material to be sealed - polypropylene plates
- Seal integrity range: -80°C to 80°C, 120°C in thermal cyclers with screw down lids
- Thermo-Sealer sealing conditions: 4s to 5s
- ALPS 300™ sealing conditions: 1.5s to 2.5s at 65°C to 175°C
- Dimensions: 85mm x 135mm

For long term storage including transportation, low temperatures, as well as high temperature applications such as PCR, including use in waterbath thermal cyclers.

Catalogue No	Alt. No	Description	Pack qty
MPS-100-040J	AB-0559	Thermo-Sealer sealing foil, sheets	100
MPS-100-045W	AB-3559	Thermo-Seal (for use with ALPS 300™), 370m roll	1



Seals, heat, polymer, Thermo Scientific Clear Seal Diamond

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Ideal for fluorescence and colorimetric applications.

- Good optical clarity, ideal for qPCR* and other fluorescent applications
- Peelable seal
- Some solvent resistance
- Material to be sealed - Diamond, polypropylene, polystyrene, polyethylene
- Seal integrity range: -80°C to 120°C
- Thermo-Sealer sealing conditions: 3s to 4s
- ALPS 300™ sealing conditions: 1.5s to 3.0s at 170°C (use shortest time for Diamond plates)

Suitable for PCR in screw down or clip down heated lid thermal cyclers. The seal is recommended for sealing Thermo-Fast® Diamond 384 PCR plates.

Catalogue No	Alt. No	Description	For use with	Pack type	Pack qty
MPS-149-020C	AB-0812	Clear Seal Diamond, sheets	All	100 sheets	100
MPS-149-025P	AB-3799	Clear Seal Diamond, Roll	ALPS 300™	370m roll	One roll (370m)



Seals, heat, polyester/polypropylene laminate, Thermo Scientific ABgene, Clear Seal Strong

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Optically transparent for sample inspection and genotyping.

- Weld seal that cannot be peeled or pierced
- Good optical clarity
- Can be used for storage and disposal of hazardous material
- Good solvent resistance: recommended for use with DMSO
- Material to be sealed – polypropylene plates
- Seal integrity range: -80°C to 120°C
- Thermo-Sealer sealing conditions: 2s to 3s
- ALPS 300™ sealing conditions: 1.5s to 2.0s at 165°C to 170°C

Due to its strong and un-peelable seal properties, it is ideal for storage and disposal of hazardous material.

Catalogue No	Alt. No	Description	For use with	Pack qty
MPS-100-050G	AB-0685	Clear Seal Strong, sheets	All	100
MPS-100-055T	AB-3686	Clear Seal Strong, roll	ALPS 300™	610m roll



*Polymerase Chain Reaction (PCR) is a process covered by patents owned by Hoffman-La Roche