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Technical Data Sheet

Foil Heat Seal, Peelable and Pierceable

Description: Aluminium heat sealing foil, resealable, peelable, pierceable; suitable for compound storage, PCR. Aluminium heat seal seals to polypropylene and polystyrene microplates that can be pierced with a pipette tip or peeled by hand. Good solvent resistance including DMSO. Resealing onto existing seal is possible. A red colour printed line identifies the non-sealing surface. Autoclavable.

Applications: Low temperature compound storage, short term room temperature compound storage, PCR

Construction:

Layer	Description	Thickness
Outer surface	Protective lacquer	1.0g/m2
Primary Material	Aluminium foil	30µm
Sealing surface	Heat sealing lacquer	3.5g/m2
Total		**85.5g/m2**

Recommended Heat Sealer Settings: 165°C -180°C, 2-3 seconds

Seal Integrity Range: -20°C to 110°C

Certification: Free from DNase, RNase, nucleases and human gDNA

Storage Conditions: Room temperature. Avoid direct exposure to light and high humidity

Material Safety Data: Non-hazardous

Ordering Information

Product ID	Description
HMS-1002	Foil Heat Seal, Peelable and Pierceable, 125mm x 78mm, 100 sheets per pouch
HSR-1002	Foil Heat Seal, Peelable and Pierceable, roll, 78mm x 610m
HSR-1102	Foil Heat Seal, Peelable and Pierceable, wide roll, 115mm x 500m

DOMINIQUE DUTSCHER SAS