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Technical Data Sheet

Thin Foil Heat Seal, Piercable

Description: A foil-based heat seal that heat seals to polypropylene and polystyrene microplates and can be easily pierced with a tip. Very good solvent resistance, including DMSO. Seals can be applied on top of each other allowing multiple access/resealing of samples. Not recommended for peeling. A colour printed line identifies the non-sealing surface.

Applications: PCR, compound storage, sample shipping.

Construction:

Layer	Description	Thickness
Outer surface	Protective lacquer	1.0g/m ²
Primary Material	Aluminium foil	20µm
Sealing surface	Heat sealing lacquer	3.5g/m ²
Total		58.5g/m²

Recommended Heat Sealer Settings: 160°C -175°C, 2 seconds

Seal Integrity Range: -20°C to 120°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-1001	Thin Foil Heat Seal, Piercable, 125mm x 78mm, 100 sheets per pouch
HSR-1001	Thin Foil Heat Seal, Piercable, roll, 78mm x 610m
HSR-1101	Thin Foil Heat Seal, Piercable, wide roll, 115mm x 500m