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Technical Data Sheet

Thermal Bond Thick Foil Heat Seal

Description: Thick, heavy-duty heat aluminium / copolymer laminate heat seals to polypropylene with a very strong peelable seal.

Applications: Long term storage, including storage and transportation at low temperature. PCR, especially water bath cyclers. Storage of organic solvents, acids and alkalines. High degree of sample protection. Good solvent resistance, including DMSO.

Construction:

Layer	Description	Thickness
Outer surface	Protective lacquer	1.5/m ²
Primary Material	Aluminium foil	60µm
Sealing surface	Polypropylene extrusion	25g/m ²
Total Weight		189g/m²

Recommended Heat Sealer Settings: 160°C -180°C, 2-3 seconds

Seal Integrity Range: -200°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-1006	Thermal Bond Thick Foil Heat Seal, 125mm x 78mm, 100 sheets per pouch
HSR-1006	Thermal Bond Thick Foil Heat Seal, roll, 78mm x 500m
HSR-1106	Thermal Bond Thick Foil Heat Seal, wide roll, 115mm x 300m