

75µm Heat Sealing Film



Description	A clear heatseal film. The film has good optical clarity and moderate solvent resistance, it is non-peelable and pierceable.
Ordering	V901005 *Std LabSheet™ 100 Sheets 125mm x 78mm
Compatibility	Polypropylene (PP), Polyethylene (PE), Polystyrene (PS) and Cyclic Olefin Copolymer (COC) plates.
Application	Recommended for use with the Vitl VTS and Vitl Micro TS.
Storage	Store in a cool place. Avoid direct exposure to sunlight. It is recommended to use the seals within three years from date of purchase.
Properties	Temperature range -80°C to 80°C or 110°C with pressurized PCR heated lids.
Sealing	Temperature and Dwell Time: 175°C, 2 seconds Recommended sealing Equipment: Vitl VTS, Vitl Micro TS

QC testing is carried out to ensure that products are free from nucleases (DNases & RNases) as well as human genomic DNA. Although every effort is made, including cleanroom manufacture, to maintain this level of cleanliness, best laboratory practice with regards to duplicate testing should be followed.



LIFE SCIENCE SOLUTIONS
A member of Integrated Technologies Ltd

www.vitlproducts.com • Tel:+44(0)1233638383

20µm Heat Sealing Foil



Description	Colour code - GREEN. A pierceable foil seal with easy sealing surface identification and high solvent resistance including DMSO. The film is non-peelable, pierceable and re-sealing is permissible.
Ordering	V901002 Std LabSheet™ 100 Sheets 125mm x 80mm
Compatibility	Polypropylene (PP), Polystyrene (PS)
Application	PCR, compound storage, sample shipping.
Storage	Store in a cool place. Avoid direct exposure to sunlight. It is recommended to use the seals within three years from date of purchase.
Properties	Temperature range -80°C to +80°C
Sealing	20µm Heat Sealing Foil Temperature and Dwell Time: 175°C, 2 seconds Recommended sealing Equipment: VTS, Micro TS.

QC testing is carried out to ensure that products are free from nucleases (DNases & RNases) as well as human genomic DNA. Although every effort is made, including cleanroom manufacture, to maintain this level of cleanliness, best laboratory practice with regards to duplicate testing should be followed.



A member of Integrated Technologies Ltd

www.vitalproducts.com • Tel:+44(0)1233638383

85µm Heat Sealing Foil



Description	Colour code – BLACK. A strong bonding foil for sealing to plates for storage and for PCR which is ideal for water thermal cyclers. The foil has good solvent resistance including DMSO. Can be pierced, but forms a very strong seal, so is very difficult to peel.
Ordering	V901004 Std. LabSheet™ 100 Sheets 125mm x 80mm
Compatibility	Polypropylene (PP), Polystyrene (PS).
Application	PCR, specifically water thermal cyclers. Storage of solvents and other organics, including acids and alkaline. Long term storage. Transportation at low temperature.
Storage	Store in a cool place. Avoid direct exposure to sunlight. It is recommended to use the seals within three years from date of purchase.
Properties	Temperature range -80°C to 120°C
Sealing	Temperature and Dwell Time: 175°C, 2 seconds Recommended sealing Equipment: VTS, Micro TS
	QC testing is carried out to ensure that products are free from nucleases (DNases & RNases) as well as human genomic DNA. Although every effort is made, including cleanroom manufacture, to maintain this level of cleanliness, best laboratory practice with regards to duplicate testing should be followed.



A member of Integrated Technologies Ltd

www.vitalproducts.com • Tel:+44(0)1233638383

70µm Heat Sealing Foil



LIFE SCIENCE SOLUTIONS

Description	Colour code – RED. A DMSO resistant foil laminate suited for Polypropylene and Polyethylene plates, with a good liquid barrier and high solvent-resistance (at high temperatures). The seal is peelable.		
Ordering	V901001	Std LabSheet™ 100 sheets	125mm x 80mm
Compatibility	Polypropylene (PP) and Polyethylene (PE) plates. (non peelable from PE Plates)		
Application	Low temperature and ambient temperature storage with DMSO and other solvents and PCR		
Storage	Store in a cool place. Avoid direct exposure to sunlight. It is recommended to use the seals within three years from date of purchase.		
Properties	Temperature range	-200°C to 80°C	
Sealing	70µm Heat Sealing Foil	Temperature and Dwell Time: 175°C, 2 seconds Recommended sealing Equipment: VTS, Micro TS.	

QC testing is carried out to ensure that products are free from nucleases (DNases & RNases) as well as human genomic DNA. Although every effort is made, including cleanroom manufacture, to maintain this level of cleanliness, best laboratory practice with regards to duplicate testing should be followed.



LIFE SCIENCE SOLUTIONS

A member of Integrated Technologies Ltd

www.vitalproducts.com • Tel: +44(0)1233638383

38µm Heat Sealing Foil



Description	Colour code – BLUE. A high grade foil for sealing plates, for low temperature storage and for PCR, with good solvent resistance including DMSO at room temp or below, easy sealing surface identification with multiple sealing and resealing properties. The seal is pierceable, but peelable to Polystyrene only.	
Ordering	V901003 Std. LabSheet™ 100 Sheets	125mm x 80mm
Compatibility	Polypropylene (PP), Polystyrene (PS). (peelable to PS only)	
Application	PCR, low temperature compound storage, short term room temperature compound storage.	
Storage	Store in a cool place. Avoid direct exposure to sunlight. It is recommended to use the seals within three years from date of purchase.	
Properties	Temperature range	-80°C to 80°C
Sealing	38µm Heat Sealing Foil Temperature and Dwell Time: 175°C, 2 seconds Recommended sealing Equipment: VTS, Micro TS.	

QC testing is carried out to ensure that products are free from nucleases (DNases & RNases) as well as human genomic DNA. Although every effort is made, including cleanroom manufacture, to maintain this level of cleanliness, best laboratory practice with regards to duplicate testing should be followed.



A member of Integrated Technologies Ltd

www.vitalproducts.com • Tel:+44(0)1233638383

105µm Heat Sealing Film



Description	A clear heatseal film. The film has good optical clarity and moderate solvent resistance, and is peelable.
Ordering	V901006 *Std LabSheet™ 100 Sheets 125mm x 80mm
Compatibility	Polypropylene (PP), Polyethylene (PE), Polystyrene (PS) and Cyclic Olefin Copolymer (COC) plates.
Application	Recommended for use with the Vitl VTS and Vitl Micro TS.
Storage	Store in a cool place. Avoid direct exposure to sunlight. It is recommended to use the seals within three years from date of purchase.
Properties	Temperature range -80°C to 80°C
Sealing	Temperature and Dwell Time: 180°C, 2 seconds Recommended sealing Equipment: Vitl VTS, Vitl Micro TS

QC testing is carried out to ensure that products are free from nucleases (DNases & RNases) as well as human genomic DNA. Although every effort is made, including cleanroom manufacture, to maintain this level of cleanliness, best laboratory practice with regards to duplicate testing should be followed.



A member of Integrated Technologies Ltd

www.vitlproducts.com • Tel:+44(0)1233638383