

Paraffin.



Paraplast®

Paraplast® is recommended for general tissue embedding. It is composed of a refined mixture of highly purified paraffin containing plastic polymers of regulated molecular weights. This provides improved tissue infiltration and superior quality sections with minimal compression. Paraplast gives brittle, difficult-to-section tissue an innate elasticity, producing excellent, wrinkle-free sections. Paraplast Plus is suggested for large tissue or tissue that may normally present infiltration issues. Paraplast Plus contains a small percentage of dimethylsulphoxide (DMSO), allowing accelerated tissue penetration. Paraplast Xtra is recommended for lower temperature infiltration which aids in the prevention of tissue distortion. It is composed of a unique blend of low molecular weight polymers and highly purified paraffins for exceptional compression resistance and ribbon continuity. Low viscosity permits complete infiltration of dense tissue.

CODE	DESCRIPTION	QUANTITY	AVAILABLE IN
39601006	Paraplast, 1 kg Bags	Case / 8 Bags	CA US EU AP
39502012	Paraplast, Bulk, 5 kg Bags	Bulk / 4 Bags	EU AP
39602004	Paraplast Plus, 1 kg Bags	Case / 8 Bags	CA US EU AP
39603002	Paraplast XTRA, 1 kg Bags	Case / 8 Bags	CA US EU AP



Formula "R"®

Formula "R" is a next generation paraffin that enables thin sectioning with minimal compression and all around ease of use. Formula "R" is a semitransparent compound which can be used both as an infiltration and embedding medium. It has a low melting point (56 – 57 °C, water bath temperature 45 – 50 °C) and is available in a wide mouth plastic jug which makes disposing of the used paraffin simple and easy. It may also be rinsed and reused for other purposes. Available in 2 lb bags or 4.5 lb jugs.

CODE	DESCRIPTION	QUANTITY	AVAILABLE IN
3801450E	Formula "R", 2 kg Plastic Jugs	Case / 4 Jugs	EU
3801470E	Formula "R", 0.91 kg Bags	Case / 9.1 kg Bag	EU



Tissue Infiltration Medium

Tissue Infiltration Medium is a special formulation of purified paraffin and plastic polymers for infiltration or embedding. Thorough impregnation of all types of tissue specimens can be achieved with either open or closed automatic processor systems. This medium can be used in conjunction with EM-400. It is stable and will not break down or separate at low or high temperatures. Available in 2 lb bags. Melting Point: 56 – 57 °C Water Bath Temperature: 45 – 50 °C.

CODE	DESCRIPTION	QUANTITY	AVAILABLE IN
3801340E	Tissue Infiltration Medium, 0.91 kg Bags	Case / 9.1 kg Bag	EU



EM-400® Embedding Medium

EM-400 Embedding Medium is a blend of purified paraffin with synthetic polymers that enables sectioning with minimal compression. The medium can facilitate routine sectioning at 1 – 2 microns on a rotary microtome. Its low melting point (56 – 57 °C, water bath temperature 37 – 42 °C) reduces potential artifactual distortion in tissues heated above 60° during paraffin impregnation. EM-400 will remain stable even at elevated temperatures. It is available in a case of 10 x 2 lb (0.91 kg) lightweight bags to facilitate handling.

CODE	DESCRIPTION	QUANTITY	AVAILABLE IN
3801320E	EM-400 Embedding Medium	Case / 9.1 kg Bag	UK