



# Leica Paraplast®

- Superior infiltration and embedding for high-quality sections
- Exceptional compression resistance and ribbon continuity
- Excellent morphology preservation and distortion-free sections

Living up to Life



MICROSYSTEMS

# Product Details

Leica Paraplast® tissue embedding media are made from highly purified wax combined with plastic polymers for tensile strength and elasticity. All three Paraplast products provide rapid infiltration during processing as well as great compression resistance during sectioning for preserved morphology and thin, distortion-free sections. Our range of Paraplast products improve the elasticity of brittle, difficult-to-cut tissues making it easier to produce excellent, wrinkle-free sections. Use Paraplast wax with Leica Microsystems tissue processors, embedding centers and cassettes to create integrated systems for high-productivity Lean Histology™.

## Leica Paraplast® Tissue Embedding Medium

Recommended for general tissue embedding.

- Refined mixture of highly purified paraffin containing complex elastomer of regulated molecular weights.
- Higher melt viscosity and lower permeability to water vapor creates better adhesion and a more pliable, flexible film.

## Leica Paraplast Plus® Tissue Embedding Medium

Recommended for large specimens and tissue that commonly presents infiltration problems.

- Refined mixture of highly purified paraffin containing complex elastomer of regulated molecular weights plus a small percentage of dimethyl sulfoxide (DMSO) for fast tissue penetration.
- Higher melt viscosity and lower permeability to water vapor creates better adhesion and a more pliable, flexible film.

## Leica Paraplast X-TRA® Tissue Embedding Medium

Recommended for low temperature infiltration.

- Unique blend of low molecular weight polymers and highly purified paraffins for exceptional compression resistance and ribbon continuity.
- Has a low viscosity that permits complete infiltration of dense tissue.

| Product Name           | Melting Point | Packaging             | Product Code |
|------------------------|---------------|-----------------------|--------------|
| Leica Paraplast®       | 56 °C         | 1 kg/bag, 8 bags/case | 39601006     |
|                        |               | 4 kg/bag, 5 bags/case | 3960212      |
| Leica Paraplast Plus®  | 56 °C         | 1 kg/bag, 8 bags/case | 39602004     |
| Leica Paraplast X-TRA® | 50–54 °C      | 1 kg/bag, 8 bags/case | 39603002     |