

Wax Carving - Supplies

Wax Ring Tubes - different sizes and shapes of cross section available to suit different designs - blue or green waxes are best for hand carving



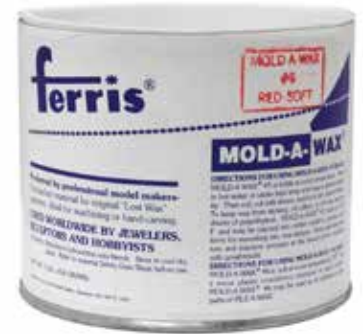
Wax Blocks and Slices - various different sizes of wax block - the same waxes as the ring tubes, either sliced or left whole for carving pendants & bangles and larger forms



Wax Wire - available round and shaped for adding details, for creating filigree patterns or rope effects



Wax Sheets - useful for modelling, imprinting textures and patterns and crafting delicate shapes



Mould a Wax - a softer wax that can be sculpted and used like modelling clay when gently warmed in water or the hands - too soft to do much sanding or clean up to the surface so may need more work after casting



Injection Wax - designed for wax injection machines to fill moulds and replicate items, can also be heated in a saucepan and poured at home into moulds, or used to create organic forms

Which Ferris® File-A-Wax® Formula is right for your next pattern?

	Blue	Purple	Green	Gold	Orange®
Flexibility	Excellent	Good	Fair	Good	Poor
Hand Carvability	Good	Excellent	Fair	Good	Fair
Hardness (Shore D)	52 (Softest)	55	55	58	60 (Hardest)
High-Speed CNC	Poor	Fair	Good	Excellent	Excellent
Viscosity @ 180°F (cPs)	3450	3350	1560 (Thinnest)	2030	3550

Sticky Wax - very soft, used to join areas of models, as well as used to hold mould walls in place and other uses

Wax Saw Blades / Spiral Blades - twisted blades make it quicker and easier to cut wax (as well as plastics) - use with a piercing saw frame



Carving (Dental type) Tools - these have many different shapes of heads and can be used to scrape away wax to carve out areas, or to make different marks - can also be used hot - by heating in a flame.



Wax Files - a good coarse file is needed to be able to rough out shapes quickly before you start to add in the details. (Finer, standard jewellery files will clog up with wax very quickly)



Wax Needle Files - these have coarser teeth than standard needle files, allowing them to work quickly to rough out details



Emery / Wet & Dry Paper - use to smooth surfaces to create a smooth finish and even out file marks and facets - for a finer finish use a fine cloth e.g. tights fabric



File Brush - a stiff wire brush to clean excess wax (or other materials) from files

Wax Ring Sizer - a tapered mandrel with a blade on one edge - gently turn to shave wax from the inside of rings

Spirit / Alcohol Lamp - use to heat tools, or to gently heat the wax surface - methylated spirits burn more cleanly than candles and other flames



Burrs - Round / ball burrs, as well as other shapes are great for both carving details into the surface of your wax, making stone setting recesses, as well as for hollowing out the back of larger volumes to reduce the weight - use burrs fitted into a rotary tool



Scalpel- great for both cutting out shapes, slicing small areas as well as smoothing or detailing surfaces and joining waxes



Wax Heat Tool - battery or mains powered hot wire that can be used to carve and shape



Suppliers -

HSWalsh, Cooksons, Cousins, Suttons, Proops