

The unit is designed specifically for use in making “detection windows” for polyimide coated fused quartz silica with a very specific thickness and outer diameter (OD) which are used for capillary electrophoresis instruments.

The low amount of heat that is delivered from the heating unit is specific and designed to burn off this polyimide and not damage the underlying quartz or silica. The unit is sold and supported only for the above single use.

However, many fiber optics companies have purchased the unit and are using it successfully with glass wires and cables; but not all are successful. If you wish to “burn off” the PFA on wire, it is possible that unit would be sufficient but the amount of PFA removed each time may be inconsistent. Therefore we do not recommend our unit for this application

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