

sci.materials: Re: How to use a hot wire (Kanthal) to cut a plastic bin containing a liquid

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*>Good piece of information. I have an additional element in my setup;  
>the liquid inside the bin. As the plastic is melted around the wire it*

I think the liquid in the bin will cool the wire and it will stop cutting until the liquid leaks out. I have experimented with hot wire to cut styrofoam and even the styrofoam will cool the wire. Thin sections will cut quickly and thick sections will cut very slowly and require more current.