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Subject: Mica foil capacitor

Posted by [dB](#) on Sat, 01 Apr 2006 17:26:15 GMT

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Hi, After seeing the tread of Bill Epstein "Yo, Garland! Oil caps at last", I take the opportunity to ask a question about mica foil caps. Mica foil capacitor ([http://www.lautsprechershop.de/hifi/index\\_en.htm?/hifi/condens\\_en.htm](http://www.lautsprechershop.de/hifi/index_en.htm?/hifi/condens_en.htm)) from the "lautsprechershop" website in Germany. They contend that a small bypass capacitor added in parallel, or "impulse capacitor", of about 0.010  $\mu\text{F}$  will make it better for transient response because "every capacitor needs a specific time to charge which is proportional to its capacitance". So, my question is, if a capacitor of 0.010  $\mu\text{F}$  (cost: €41,00/for the mica-cap foil) does ameliorate the sound transients, can a small capacitor (let's say) of 0,1  $\mu\text{F}$  (with a cost of €2,60/not a mica foil) in parallel with a bigger cap 20, 30 or 40  $\mu\text{F}$  work also in the same way giving a better sound response and helping recharge the bigger cap? Best Regards.  
Mica foil capacitor

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