

**Al says Al limits  
a transformer's  
leakage flux**

In sensitive equipment containing cathode-ray-tube displays, line-powered transformers can be an annoying source of electromagnetic interference even after you've wrapped a Mumetal shield around their cores. This solution doesn't attenuate the higher harmonics of the leakage flux enough, though it works well for the low frequencies. Al Schamel of Tektronix Inc., Beaverton, Ore., improves on the idea: he sandwiches a layer of aluminum between the transformer core and the usual Mumetal shield. **Not only does this hold down both 60-Hz and high-frequency leakage, but it lets you use a thinner layer of the costly Mumetal.**