
Subject: Re: Drift HV to Radiator connection

Posted by [Chilo Garabatos](#) on Tue, 25 Jan 2005 16:57:51 GMT

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Hi Clemens,

The only red glue we use is Technicoll 8266/67 which is used for glueing the wires onto the wiring frame. Is there a Problem with that?

I think probably yes. The 'slow curing' version of Technicol was tested with a mass chromatograph years ago; the result was 'bad'. I wouldn't put it in contact with the gas.

About the radiator outer surface being floating, I think what happens is the following: the chambers are tested here in a rather dry atmosphere, so if one puts -2000 V on the other side, the outer surface will tend to charge up with positive ions until it screens the drift field. It would only discharge when something connects it to ground. Do you think that a ground connection of this should be specified in the manual? This has saved our fingers.

Regards,
Chilo
