

The cold-flow properties of Teflon are well known to most spacecraft developers. As the Teflon insulation cold-flows away from the contact zone due to the pressure involved, the insulation becomes sufficiently thin with time to cause metal-to-metal contact thus resulting in a short.

There is Tefzel and Kynar insulated wire that have excellent outgassing properties and whose resistance to cold-flow and the space radiation environment are much better than that of Teflon.