ABSTRACT

The present invention discloses a method of making an electrically conductive fabric tube. The electrical conductivity of the fabric comes from using electrically conductive yarn that is weaved into a form of an electrically conductive fabric tube. Such fabric tube is suitable for use in medical applications whereby air will flow through the fabric tube with data and thermal control transferring from one point to another. The performance of such electrically conductive fabric tube serves to control not only the presence of moisture but also to the desired temperature of the air and data transfer between one medical device to another via the tube. The electrically conductive fabric yarn is then weaved into a tube-like structure, followed by plastic over-molding structure at the two (2) ends of the tube that can connect to the respective medical devices.

Use **Figure 3.**