

A heated aerosol-generating article comprises an aerosol-forming substrate radially encircled by a sheet of thermally-conductive material. The heated aerosol-generating article is for use with an electrically-operated aerosol-generating device comprising a heating element, for example an insertable heating element. The aerosol-forming substrate may be a rod comprising a gathered sheet of aerosol-forming material circumscribed by a wrapper, in which the wrapper is a sheet of thermally-conductive material. The thermally-conductive material acts as a thermally-conducting flame barrier for spreading heat and mitigating against the risk of a user igniting the aerosol-forming substrate by applying a flame, or other ignition source, to the aerosol-generating article.