

PLANAR MEMBER FOR SHADOW MASK OF CATHODE-RAY TUBE AND
MANUFACTURING METHOD OF SHADOW MASK

ABSTRACT

A planar member (11) for a shadow mask is provided, which is hard to generate wrinkles in or break when being pulled at four sides to apply a tension to a beam-selecting area (12) with beam-passing apertures. The planar member (11) comprises the beam-selecting area (12), a first band frame portion (14b) surrounding the beam-selecting area (12), a second band frame portion (14a) disposed around and spaced from the first band frame (14b), a plurality of bridge portions (14c) bridging the first and second band frame portions (14b, 14a) at plural points, and a plurality of outer areas (13a, 13b, 13c) with plural apertures, defined by the first and second band frame portions (14b, 14a) and two bridge portions (14c). The connecting part of the bridge portion 14c with the second band frame portion (14a) is reinforced in such a way that the width of the bridge portion (14c) increases gradually to connect with the second band frame portion (14a).

Figure 1