SEALED PACKAGE FOR ELASTIC WEBBING AND THE LIKE

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SEAL PACKAGES FOR ELASTIC WEBBING AND THE LIKE

My present invention relates to the packaging of articles wound in rolls, such as tapes, cords, strips, and the like, and has particular reference to the packaging of elastic webbing and other rubberized fabric and elastic.

The packaging of elastic webbing has involved certain difficulties, as the material is subjected to the deteriorating effect of light and atmosphere unless thoroughly sealed; this effect reducing the elasticity of the material and producing fading of colors. This sealing, however, requires careful workmanship, particularly for containers such as spools or reels, in order to eliminate folds and to present an attractive appearance. It is the principal object of my invention to provide an inexpensive transportation and sale package that will totally protect the contents against the deteriorating effect of light and atmosphere, that will have no folds, and that may be easily manufactured and applied.

A further object of my invention is to utilize coverings that will protect the goods from moisture and atmosphere and will at the same time permit effective printing to be displayed.

Another object is inexpensiveness of construction.

With these and other objects and advantageous features in view, the invention consists of a novel arrangement of parts disclosed more fully in the detailed description following, in conjunction with the accompanying drawing, and defined more particularly in the appended claims.

In the drawing,

Figure 1 is a perspective view of a package prior to the covering thereof,

Figure 2 is a side elevation of the same after the externally gummed strip has been applied thereto, shown partly broken away to disclose the fabric,

Figure 3 is a view similar to Figure 2, with the transparent covers applied,

Figure 4 is a view similar to Figure 1, of the completed package,

Figure 5 is an enlarged diametrical section through Figure 4, partly broken away,

Figure 6 is a fragmentary section of a similar package as used for cords and the like.

Figure 7 is a plan view, partly broken away, of a modified package construction, and

Figure 8 is an end elevation thereof.

Referring to the drawing, which is purposely drawn so as to exaggerate the thickness of the parts, the package 10 has a base 11, preferably formed as a spool or reel, with an upper head 12 and a lower head 13 of cardboard or similar material, the heads being locked to a central hub 14, preferably of wood, by metallic staples 15. As shown in Figure 5, the hub and the staples are preferably annular in form, and include a plurality of teeth 16 which penetrate through the heads and into the hub.

The elastic webbing, such as an elastic 17, is wound on the spool base 11, and a strip of gummed material 18, which is preferably paper, is then secured thereto with the adhesive or grounded surface on the exterior thereof. Two head covers 19, 20 of transparent material, such as for example "Cellophane", or glazed paper, are then drawn over the heads 12, 13, as shown in Figure 3, and gummed to the exterior of the strip 18 so as to preferably leave a central exposed portion of the strip. A gummed closure strip 21, with the adhesive or gum on the inner surface, is then glued over the exposed ends of the covers 19, 20, and the exposed center of the strip 18.

This type of packaging is also suitable for cords, threads, and the like, such as indicated at 22 in Figure 6, and may if desired be used with reels or spools of any preferred peripheral contour. In Figures 7 and 8 an elongated reel or spool is shown. The hub in this type of construction is a bar 23, and the staples 24 are of the metallic two pronged type, the heads 25, 26 being elongated, as illustrated. The head covers are fixed to the strip 18 and locked in place by the closure strip 27.

The heads are impervious to light, and one or both may be printed, embossed, or otherwise inexpensively marked to contain the...
sired information, data, advertising matter, and the like; the "Cellophane" covers, when secured to the inner strip, seal the wound material against light and atmosphere, and the closure strip completes the seal and causes the packaging to be neat and attractive. The packaging is accomplished in a simple and inexpensive manner.

While I have described specific embodiments of my invention, it is obvious that desired changes in the form and the proportions of the parts, and in their arrangement, may be made to suit the packaging requirements for individual fabrics and elastics, without departing from the spirit and the scope of the invention as defined in the appended claims.

I claim:

1. In a package, a reel having spaced heads and a central hub, material wound on said hub to partially fill the space between said heads, whereby a peripheral channel is provided between the heads, an annular strip in the channel between said heads and encircling said wound material, covers extending over the heads and having their edges extending downwardly into the channel and adheringly sealed to the outer surface of said strip.

2. In a package, a reel having spaced heads and a central hub, material wound on said hub to partially fill the space between said heads, whereby a peripheral channel is provided between the heads, an annular strip in the channel between said heads and encircling said wound material, covers extending over the heads and having their edges extending downwardly into the channel and adheringly sealed to the outer surface of said strip, and an annular closure strip disposed between the heads and overlying said cover edges and adheringly sealed thereto.

3. In a sealed package, a reel having spaced heads and a central hub, material wound on the hub to partially fill the space between said heads whereby a peripheral channel is provided between the heads, an annular strip in the channel between said heads and encircling said wound material and having its outer surface provided with a layer of adhesive, transparent covers extending over said heads and having their edges extending down into the channel and sealed to the outer surface of said strip, and an outer annular closure strip disposed in and substantially filling the space between said heads, and having a layer of adhesive on its inner surface and secured to said cover edges.

4. In a sealed package, a reel having spaced heads and a central hub, material wound on said hub to partially fill the space between the heads whereby a peripheral channel is provided between the heads, an annular strip disposed in said channel and encircling said wound material and having an adhesive outer surface, and a cover extending over one of said heads and having its edges crimped around the edge of the head and extending downwardly into the channel and adheringly secured to the outer surface of said annular strip.

In testimony whereof I have affixed my signature.

ALBERT S. HOWARD.