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DISPENSER PACK OF INDIVIDUAL ADHESIVE BANDAGES


Original application May 2, 1956, Ser. No. 582,287. Divided and this application Oct. 21, 1958, Ser. No. 768,716

18 Claims. (Cl. 206—56)

The present invention relates to a dispenser pack of individual bandages of the type having a flexible backing coated with adhesive composition; the present application is a division of abandoned application Serial No. 582,287, filed May 2, 1956. Such an adhesive bandage may consist of a simple strip of adhesive tape or may be of the dressing type, in which an absorbent compress or pad is affixed to the flexible adhesive coated backing to give the adhesive on the parts of the backing beyond the pad. An adhesive bandage of this dressing type may take the form, for example, of strip, patch, spot or so-called middle wound bandage.

One object of the invention is to provide a new and improved dispensing container having a pack of individually packaged adhesive bandage units so assembled thereon as to permit the easy withdrawal successively of the adhesive bandages from their wrappers in the pack, without the fingers of the withdrawing hand or hands coming into contact with the adhesive bandages as they are exposed.

A further object of the invention is to provide a new and improved container having a pack of individually packaged adhesive bandage units assembled thereon in such manner as to permit the adhesive bandages to be removed successively from their wrappers, while retaining the empty wrappers on the container, and while permitting these empty wrappers to be moved clear of the full wrappers.

Various other objects, features and advantages of the invention are apparent from the following description and from the accompanying drawings, in which:

Fig. 1 is a perspective view of one form of adhesive bandage package unit which can be packed in accordance with the present invention and which is shown with the finger tabs at one end spread apart in the process of being opened to withdraw the adhesive bandage therefrom;

Fig. 2 is a longitudinal section of the adhesive bandage package unit taken on lines 2—2 of Fig. 1 but shown on a larger scale with compress exaggerated;

Fig. 3 is a transverse section of the adhesive bandage package unit taken on lines 3—3 of Fig. 2;

Fig. 4 is a transverse section of the adhesive bandage package unit taken on lines 4—4 of Fig. 2;

Fig. 5 is a perspective view showing the wrapper in the construction of Fig. 1 in the process of being removed;

Fig. 6 is a fragmentary perspective showing the final steps of removing the last remnants of the wrapper from the adhesive bandage unit;

Fig. 7 is a longitudinal section of another form of adhesive bandage package unit, which can be packed in accordance with the present invention;

Fig. 8 is a longitudinal section of still another form of adhesive bandage package unit, which can be packed in accordance with the present invention;

Fig. 9 is a longitudinal section of a further form of adhesive bandage package unit, which can be packed in accordance with the present invention;

Fig. 10 is a perspective view of a container which holds a pack of adhesive bandage package units illustrated of the type shown in Figs. 1 to 6 and which in conjunction with such units constitutes an embodiment of the present invention;

Fig. 11 is a perspective view of a container which holds a pack of adhesive bandage package units illustrated of the type shown in Figs. 1 to 6 and which in conjunction with such units constitutes another embodiment of the present invention;

Fig. 12 is a perspective view of a container which holds a pack of adhesive bandage package units illustrated of the type shown in Fig. 8 and which in conjunction with such units constitutes still another embodiment of the present invention;

Fig. 13 is a perspective view of a container which holds a pack of adhesive bandage package units illustrated of the type shown in Fig. 8 and which in conjunction with such units constitutes further embodiment of the present invention.

Fig. 14 is a perspective view of a container which holds a pack of adhesive bandage package units illustrated of the type shown in Fig. 9 and which in conjunction with such units constitutes still another embodiment of the present invention;

Fig. 15 is a perspective view of a container which holds a pack of adhesive bandage package units illustrated of the type shown in Figs. 1 to 6 and which in conjunction with such units constitutes still another embodiment of the present invention.

Referring to Figs. 1 to 6 of the drawings, there is shown an adhesive bandage package unit which is covered in the aforesaid application and which is of the strip type having an absorbent compress or pad and exposed adhesive surfaces. This type of adhesive bandage package unit may be packed in accordance with the present invention, although as far as certain aspects of the invention are concerned, other types of adhesive bandages may be also packed pursuant to this invention, as will be described more fully hereinafter. The package unit illustrated consists essentially of an adhesive bandage 10 and an expendable wrapper 11 of flexible material therefor. The adhesive bandage 10 comprises a strip 12 of adhesive tape backing material, which may be either woven or non-woven fibrous material, such as extensible polyvinyl chloride film, and which may have the usual ventilation holes. Deposited on the strip 12 is a layer 13 of pressure-sensitive adhesive, which affords the necessary degree of adhesion for the attachment of the dressing thereto. A dressing pad 14, composed preferably of suitably folded woven or non-woven fabric, paper or other absorbent material, is placed on and secured to the adhesive layer 13. This dressing pad 14 is slightly narrower than the adhesive strip 12 and much shorter, and is centered on the adhesive strip to form exposed tape end sections 16 and 17 of adhesive beyond the ends of the pad.

The wrapper 11 individually packages the adhesive bandage 10, so that after sterilization, said bandage will remain sterile. For that purpose, this wrapper 11 comprises a long wrapper sheet 20 extending along opposite faces of the adhesive bandage 10 and a shorter wrapper sheet 21 extending around one end of the adhesive bandage to form with said bandage end a finger tab 22 for the purpose of being described and detachably secured to the wrapper sheet 20 to define therewith an envelope for the adhesive bandage.

The specific materials from which the different components of the adhesive bandage package unit are made
are preferably those described in U.S. Patent No. 2,708,083. The patent discloses a facing member which serves as protection for the adhesive surface of the bandage and which is smooth and continuous and constituted of organic material substantially inert with respect to the adhesive. This type of facing member serves to develop substantially the full sticking powers of the adhesive to which it is permanently applied. Materials proposed for that purpose in the aforesaid patent are vinyl chloride resins and copolymer thereof with vinyl acetate and vinylidene chloride, cellulose acetate, cellophane, epoxy resins, etc. and also resins which may be employed as coatings. These materials are also suitable to form for the purpose of the present invention the wrapper sheets 20 and 21 juxtaposed to the adhesive side of the adhesive bandage 10 to serve also as protective facing members therefor.

The longer wrapper sheet 20 has a projecting free end section 24 serving as part of a finger tab 41, a continuous section 25, section 26 adhesively secured to part of the exposed tape end section 16 by the layer 13 of pressure-sensitive adhesive thereon, a section 27 extending along and covering the pad 14, a section 28 adhesively secured to the exposed tape end section 17 by the layer 13 of pressure-sensitive adhesive thereon, a flat section 29 reversely folded back along a fold line 30 from the line of sheet sections 24, 25, 26, 27 and 28 and extending along and against the back of the adhesive bandage 10 along the strip 12 thereof and an end section 31 offset along a fold line 32 outwardly from said wrapper section 29 at an acute angle therewith. The shorter wrapper sheet 21 has a section 33 with an offset end portion 34 lapped to the offset end section 31 of the wrapper sheet 20 and secured thereto in the manner to be described to form a breakable projecting juncture or seam 35 thereon. The projecting end section 24 of the wrapper sheet 20 and the part of the contiguous section 25 outwardly beyond the transverse seal 40 is coextensive in width with the adhesive bandage 10, to permit the longitudinal margins of these sections 33 and 38 to come together in face contact to form the seam 45. The section 38 of the wrapper sheet 21 inwardly beyond the transverse seal 40 up to the fold line 37 is of corresponding width to permitted the adhesive portions of the section 25 of the wrapper sheet 20 to come in contact with the opposed marginal parts of the section 29 of the wrapper sheet 20 inwardly of the seam 35 to form continuations of the marginal seam 43.

The character of the means employed to form the different breakable junctures 35, 40, 43 and 45 depends on the character of the wrapper sheets 20 and 21. If these wrapper sheets 20 and 21 are of thermoplastic material, then these junctures 35, 40, 43 and 45 may be made by heat-sealing, strong enough to seal and to protect the sterility of the adhesive bandage 10 but weak enough to permit the opposed sections of the wrapper 11 along these junctures to separate upon pulling action, without tearing the wrapper. If the wrapper material is not thermoplastic, or even if thermoplastic, these junctures 35, 40, 43 and 45 may be formed with adhesive of the character which seals in the adhesive bandage 10 but which nevertheless assures the smooth, easy, orderly removal of the wrapper 11 by peeling operation, in a manner to be described, without tearing the wrapper.

The adhesive bandage package unit, as described, is sterilized either by chemical sterilization or by steam sterilization in a manner well-known in the adhesive bandage art. The materials employed in forming this package unit will effectively withstand the thermal conditions of both types of sterilization. The adhesive bandage package unit, will maintain its sterility, until the package unit is opened.

The finger tabs 22 and 41 are exposed and are marked as shown in Fig. 1 to facilitate explanation of their functions and the manner in which they can be manipulated to effect the withdrawal of the adhesive bandage 10 from the wrapper 11. The withdrawal of the adhesive bandage 10 from the wrapper 11 is illustrated and described as if the package unit were not part of a pack in order to facilitate understanding of its construction and operation.

To effect withdrawal of the adhesive bandage 10 from the wrapper 11, the tab 41 is held by the fingers of one hand, while the other tab 23 is grasped by the fingers of the other hand and pulled to break the transverse seal 40. Thereafter, continued pull on the finger tab 22 while the tab 41 is being held causes the marginal seam 43 to open up progressively and gradually by a peeling action and at the same time causes the adhesive bandage 10 to peel away from the sections 26, 27 and 28 of the wrapper sheet 20 by a balanced operation, which does not fold or curl the adhesive bandage, as shown in Fig. 5. After the tab 41 has been pulled to the extent of releasing the adhesive bandage 10 completely from the sections 26, 27 and 28 of the wrapper sheet 20 and while these sections are aligned with the section 29 of the wrapper sheet, continued pull on the tab 41 lengthwise of the wrapper sheet 23 will cause said sheet to pull away from the wrapper sheet 21 at the seam 35 until the wrapper sheet 20 is completely removed from the wrapper sheet 21. At this stage, the fingers of one hand continue to hold the adhesive bandage 10 through the finger tab 22, so that the adhesive bandage can be applied through the substantial large area of adhesive on said bandage exposed to the skin or surface area affected without the fingers coming into contact with the bandage. After the adhesive bandage 10 has been applied to the affected skin or surface except for the end carrying the finger tab 22, the offset end portion 34 of the wrapper sheet 21 serving as a tab is pulled to progressively open up the seam 45, until the end portion of this wrapper section
is aligned with the wrapper section 38 as shown in Fig. 6, whereupon continued pull on this end section longitudinally and downwardly from the end portion of the adhesive section 16 of the adhesive bandage 10. With the wrapper 11 completely removed from the adhesive bandage 10, and the adhesive bandage partially applied, the unapplied part thereof can be pressed down on the affected skin or surface to complete the application of the skin or surface.

The construction of Fig. 7 is similar to that of Figs. 1 to 6, except as otherwise indicated. In this construction of Fig. 7, the wrapper 11a for the adhesive bandage 10 comprises two wrapper sheets 20a and 21a. The wrapper sheet 20a has sections 24a, 25a, 26a, 27a and 28a corresponding to the sections 24, 25, 26, 27 and 28 respectively of the wrapper 20 in the construction of Figs. 1 to 6 and similarly attached to the face of the adhesive bandage 10. The wrapper sheet 21a, however, extends along the full length of the back of the strip 12 and is secured at one end to one end of the wrapper sheet 20a beyond the corresponding end of the adhesive bandage 10 by means of heat-sealing or adhesive of the character described in connection with the construction of Figs. 1 to 6, to form an end transverse seam 46. At the other end, the wrapper sheet 21a has a section 38a folded inwardly along the fold line 36a and a contiguous section 39a folded inwardly along the fold line 37a. These two wrapper sections 38a and 39a overlap with the section 28a in lapping contact with the section 25a of the wrapper sheet 20a and with the inwardly folded end section 39a attached to the end portion of the tape end section 16 of the adhesive bandage 10 by the layer 13 of pressure-sensitive adhesive on said tape end section.

The two wrapper sheets 20a and 21a are secured together along the longitudinal margins beyond the side edges of the adhesive bandage 10 up to the end transverse end seam 46 by heat-sealing or adhesive of the character described in connection with the construction of Figs. 1 to 6, to form a seam corresponding to the marginal seam 43 in the construction of Figs. 1 to 6. The section 25a of the wrapper sheet 20a is secured to the section 38a of the wrapper sheet 21a along a strip area by similar heat-sealing or adhesive to form a transverse breakable seal 46a, and the longitudinal projecting margins of the sections 29a and 38a of the wrapper sheet 21a are similarly secured together along their longitudinal margins to form a marginal seam corresponding to the marginal seam 45 in the construction of Figs. 1 to 6, the intervening fold section 39a of the wrapper sheet 21a being reduced in width to permit the margins of said sheet sections 29a and 38a to come together into face contact to form the seam described.

The two wrapper sheets 20a and 21a, secured together as described, define at one end a holding finger tab 41a and a pulling finger tab 22a corresponding to the finger tabs 41 and 22 respectively in the construction of Figs. 1 to 6.

In withdrawing the adhesive bandage 10 from the wrapper 11 in the construction of Fig. 7, the finger tab 41a is held by the fingers of one hand, while the tab 22a in the fingers of the other hand is pulled up progressively the marginal seam 43a and to peel the adhesive bandage away from the wrapper sheet 20a, until the end transverse seam 46 is reached, whereupon further pull opens up this end seam and effects complete detachment of the bandage from the packet 20a. With the fingers of one hand holding the tab 22a, the partially exposed adhesive bandage 10 is applied to the affected skin or surface except at the covered end near the tab 22a, and the wrapper sheet 21a is then pulled to peel off the folded end section 39a of the wrapper sheet 21a from the covered end section of the bandage. With the wrapper sheet 21a completely removed from the adhesive bandage 10, the end section of the bandage last exposed can be pressed down on the affected skin or surface to complete the application of the bandage.

The construction of Fig. 8 is similar to that of Figs. 1 to 6, the only difference being that the wrapper sheet 20b corresponding to the wrapper sheet 20 in the construction of Figs. 1 to 6, instead of having an end section of said wrapper sheet corresponding to the end section 24 in Figs. 1 to 6, projecting longitudinally to form part of the holding finger tab, has its end section 24b folded inwardly along the skin or surface of the character described in connection with the construction of Figs. 1 to 6, to form the breakable end transverse seal 46b and to define the finger tabs 22b and 41b outwardly beyond said seal. The marginal longitudinal seams in the wrapper sheets 20b and 21b, to form an envelope for the adhesive bandage 10, are similar to those in the constructions of Figs. 1 to 6, except that at the end of the package unit near the finger tabs 22b and 41b, the margins of the section 33b of the wrapper sheet 21b are secured by heat-sealing or adhesive of the character described to the margins of the section 36b of the wrapper sheet 21b outwardly beyond the transverse seal 46b, while the margins of the outer fold of the section 25b of the wrapper sheet 20b inwardly of the transverse seal 46b are similarly secured to the margins of the section 29b of the wrapper sheet 20b.

The wrapper sheet 20b is folded along the fold line 30b at one end of the adhesive bandage 10, as in the constructions of Figs. 1 to 7, to divide the sheet into panels 24b, 25b, 26b, 27b, 28b and 29b on opposite sides of the adhesive bandage.

The package unit of Fig. 8 may be opened as described in connection with the package unit of Figs. 1 to 6.

Fig. 9 shows an embodiment similar to that of Figs. 1 to 6 and similar to that of Fig. 8, the only difference being that the wrapper sheet 20c, instead of presenting a single layer along the entire front face of the adhesive bandage 10 to form a facing member therefor, has its front part doubly folded along a fold line 51 to form two overlapping main sections 52 and 53, the inner section 52 serving as a facing member for the adhesive bandage, while the outer section 53 forms merely an outer wrapper member. At one end of the package unit, the two wrapper sections 20c and 21c define finger tabs 22c and 41c similar to those in the construction of Fig. 8, the inner folded section 24c of the finger tab 41c being secured to the section 39c of the finger tab 22c by a breakable transverse seal 40c. At the opposite end of the package unit, the wrapper sheet 20c is folded along the line 30c to define the wrapper section 29c along the back of the adhesive strip 12.

The package unit of Fig. 9 may be opened as described in connection with the package unit of Figs. 1 to 6.

The invention has been shown in Figs. 1 to 9 applied to a form of adhesive bandage containing an elongated rectangular strip of adhesive to which is affixed an absorbent rectangular pad or compress. However, as far as certain aspects of the invention are concerned, the invention may be applied to adhesive bandages of other shapes. For example, it can be applied to a so-called patch type of adhesive bandage, in which a square piece of backing material coated with adhesive has a square absorbent pad in the center or to a so-called strip type of bandage in which a round piece of backing material coated with adhesive has a round absorbent pad in the center, or to a so-called middle wound type of bandage in which a comparatively large piece of gauze in the form of a pad has connected thereacross one or more strips of adhesive tape projecting therefrom.

Also, as far as certain aspects of the invention are concerned, the adhesive bandage protected and wrapped in accordance with the present invention may consist simply of a piece of adhesive tape without an absorbent pad, such as the pad 14.
Figs. 10 to 15 show the manner in which the package units of Figs. 1 to 9 may be packed in a dispensing container in accordance with the present invention. Fig. 10 shows a type of container 59 illustrated in connection with the package units of Figs. 1 to 6, although it is apparent that the container is adaptable with the other types of package units described. In this embodiment of Fig. 10, the container 59 (preferably made of stiff sheet material such as cardboard, leather or plastic) is in the form of an open frame and comprises a rear cover 60 having an end section 61 folded rectangularly in relation to said rear cover to form a top defining a pocket 62 to receive the end of the pack of package units 63 of Figs. 1 to 6. The cover 60 has a strap 64 near the bottom on the inside preferably of elastic material to keep the empty wrappers as the adhesive bandages are successively removed therefrom to keep them clear of the full package units.

The package units 63 of Figs. 1 to 6 are arranged in a pack with the tab ends 22 and 41 at the top, and the projecting end sections 24 of the wrapper sheets 20 extending into the frame pocket 62 are secured together and to the top 61 of the cover 60 by a staple 65. The package units 63 will thereby hang down from the cover 60 by the projecting tab sections 24 with the wrapper sections 29 of the wrapper sheets 20 facing rearwardly towards the cover.

The container 59, loaded as described, may be employed as a portable, or may be supported or attached to a wall in any suitable manner for easy dispensing operations.

The adhesive bandages 10 are removed successively from their respective wrappers 11 from the rear towards the front. For that purpose, when an adhesive bandage 10 is desired, the cover 60 is raised to dot and dash position shown (in case the container is portable) or the pack is lifted away from the cover 60 (in case the container is attached to a wall) with said cover against said wall, and the finger tab 22 of the rearmost package unit 63 is grasped by the fingers of one hand and pulled down, while the end tab section 24 of the wrapper sheet 20 of said unit is held by the staple 65. This action causes the adhesive bandage 10 to peel away from the wrapper sheet 20 and eventually causes the adhesive bandage to be entirely removed from the wrapper sheet 20, while the empty wrapper 20 remains on the container 59 and while the adhesive bandage retains the wrapper tab 22. The adhesive bandage 10 can then be partially applied to the affected skin or surface, while held through the finger tab 22, and the wrapper sheet 21 removed in the manner described in connection with the construction of Figs. 1 to 6, to permit the completion of the application of the adhesive bandage.

The empty wrapper sheet 20, folded approximately along the line 30 and retained on the container staple 65, may be stored out of the way of the next full package unit 63 by slipping it under the strip 64 of the cover 60. All subsequent empty wrapper sheets 20 may be similarly stored to permit easy access to the next full package unit 63.

Instead of arranging the pack of package units for the successive dispensation of the adhesive bandages 10 therefrom to the rear, as in the construction of Fig. 10, the pack may be reversely arranged so that the adhesive bandages are successively dispensed from the front towards the rear. In that case, some other means is preferably provided, other than that shown in Fig. 10, to store the empty wrapper sheets clear of the full package unit. Fig. 11 shows a suitable container for that purpose. In this construction, the container comprises a flat back 70 of rigid material suitable for support on a wall. Attached to the upper part of this back 70 is a bracket 71 in the form of a flat wide U-shaped member having side arms 72 with reduced ends passing through said back and upset thereagainst for rigid anchorage, and an interconnecting cross-piece 73 spaced from said back by a gap 74 serving the purpose to be described. The pack of package units 63, similar to those of Figs. 1 to 6, are supported on this bracket 71 and suspended therefrom in any suitable manner. These package units 63 are arranged in upright position with their tab ends 22 of each package unit in front and the holding tab 41 of the package unit in back.

For supporting the package units 63 in a pack from the bracket 71 in the manner described, the bracket cross-piece 73 may have an opening through which the projecting end sections 24 of the wrapper sheets 20 of the package units 63 extend, and staple or similar device passing through said projecting wrapper sections may be seated on said bracket cross-piece for the support of said package units.

For removing an adhesive bandage 10 from its wrapper 11, the finger tab 22, which is exposed and easily accessible at the top in front just below the bracket 71, is pulled down while the tab 41 is held by the bracket. This operation serves to peel the adhesive bandage 10 away from the sections 25, 26, 27 and 28 of the wrapper sheet 20. Continued pulling action on the tab 22 is transmitted to the section 29 of the wrapper sheet 20 and serves to separate completely the adhesive bandage 10 from the wrapper sheet 20 which remains supported on the bracket 71. The released adhesive bandage 10 held by the fingers of the hand through the tab 22 may be applied to the affected skin or surface and the wrapper sheet 21 should be peeled off the bandage, as already described in connection with the construction of Figs. 1 to 6. The empty wrapper sheet 20 is folded back and slipped through the gap 74 between the bracket cross-piece 73 and the back 70 and against said back, to clear the next full package unit and render it easily accessible for the withdrawal of the adhesive bandage 10 therefrom.

Fig. 12 shows a modified form of dispensing container adapted particularly for use in connection with the package units of Figs. 8 and 9. The container is illustrated in connection with the form of package unit 90 shown in Fig. 8 and comprises a back 81 of rigid material adapted to be supported from a suitable wall. The package units 80 are arranged as a pack with their tab ends at the bottom and with the tab 41b of each package unit in front and the tab 22b of the unit in the back. The pack is supported from the back 81 by a staple 82 passing through the parts of the sheet 20b between the fold lines 30b and the adjacent ends of the adhesive bandages 10.

The adhesive bandage 10 may be conveniently withdrawn successively from the wrappers from the front to the back. For that purpose, while the tab 41b of the front package unit is held downward by the fingers of one hand, the tab 22b of said front unit is pulled rearwardly by the fingers of the other hand to peel the front sections 25b, 26b, 27b and 28b of the wrapper sheet 20b from the adhesive side of the adhesive bandage 10. After wrapper sections 25b, 26b, 27b and 28b have been so removed from the adhesive bandage 10, the tab 21b is pulled down, thereby separating the wrapper sheet 21b from the wrapper sheet 20b and withdrawing the adhesive bandage completely away from the wrapper sheet 20b. The empty wrapper 20b remains suspended from the back 81 through the staple 82, while the adhesive bandage is retained through the tab 22b by the fingers of one hand. The adhesive bandage 10 can then be applied to the affected skin or surface and the wrapper sheet 21b removed, in the manner already described.

The empty wrappers 20b may be hung from the staple 82 on the back 81 or may be stored clear of the full package units 80, in the manner similar to that shown in connection with the constructions of Figs. 10 and 11.

Fig. 13 shows a portable container for holding the package units of the constructions of Figs. 1 to 9. The container is particularly adaptable for use in connection
with the package units shown in Figs. 8 and 9 and is illustrated specifically in connection with the package unit 80 of Fig. 8.

The container of Figs. 13 is of the matchbook type and comprises a single sheet 85 of comparatively stiff material such as cardboard, leather or plastic, folded around the pack to form a case or folder therefor and having an end pocket section 86 which straddles the end of the pack opposite the tab end and which is secured thereto by a staple 87 passing through the parts of the wrapper sheet 2bb between the fold lines 30b and the adjacent ends of the adhesive bandage 10. In closed position of the container, the free end 88 of the sheet 85 is slipped under the opposite end of the sheet to be frictionally retained thereby. The adhesive bandages 10 may be withdrawn successively from their respective wrappers on the container of Fig. 13, while the empty wrapper sheets 21c remain behind on the container, in the manner described in connection with the container of Fig. 12.

Fig. 14 shows a portable container, which is similar to that of Fig. 13, to receive package units, such as the package units 90 of Fig. 9. This container comprises a single sheet 91 of comparatively stiff material, such as cardboard, leather or plastic, folded around the pack to form a case or folder therefor and having an end pocket section 92 straddling the pack opposite the tab end. This container end pocket section 92 is secured to the pack of package units 90 by a staple 93 passing through the parts of the wrapper sheet 20c between the fold line 30c and the adjacent ends of the adhesive bandage 10. The sheet 91 is folded to form in addition to this straddling end pocket section 92 a back 94 and a front cover flap section 95, the free end of which is adapted to be skipped underneath the edge of the stapled down end section 92 in the closed position of the container.

For storing the empty wrapper 20c, the back 94 of the container has on its inside near the outer end a strip 96 of elastic material under which the empty wrapper sheets 20c may be tucked.

The package units 90 are arranged in the container of Fig. 14 with the tab 41c of each package unit in front and the tab 22c behind. In the operation of withdrawing the adhesive bandages 10 from their wrappers successively, the rearmost package unit 90 is opened first, the order of withdrawal being frontwise. In accordance with one procedure of this operation, the tab 22c is held by the fingers of one hand, while the tab 41c is gripped by the fingers of the other hand and pulled frontwise away from the tab 22c to pull the section 52 of the wrapper sheet 20c away from the adhesive bandage 10. At this stage of the operation, the tab 22c is pulled to break the sealed juncture between the wrapper sheets 20c and 21c and to separate thereby the wrapper sheet 21c from the wrapper sheet 22c forming part of the tab 22c. This effect completes separation of the adhesive bandage 10 from the wrapper sheet 20c, while said wrapper sheet remains attached to the container by the staple 93.

As an alternative procedure, the two tabs 22c and 41c are grasped by the fingers of the two hands and pulled apart lateral to the planes of said tabs to break the transverse seal 40c or this seal may be broken by merely pulling on the tab 22c lengthwise. After this seal 40c has been so broken, the tab 22c is pulled lengthwise of the package unit 90, to break the sealed juncture between the wrapper sheets 20c and 21c across their offset conforming ends and to separate thereby these sheets. Continued pull on the tab 22c in this direction will correspondingly pull the adhesive bandage 10 lengthwise and cause the bandage to peel neatly and lengthwise away from the section 52 of the wrapper sheet 20c while said section 52 unfolds, until the adhesive bandage with the wrapper sheet 21c attached thereto in the form of tab 22c is completely withdrawn from the wrapper sheet 20c, while said wrapper sheet 20c remains attached to the container by the staple 93.

The adhesive bandage 10, separated from the wrapper sheet 20c by either procedure described, may be applied and the wrapper sheet 21c removed from said bandage in the manner described. The sections 53 and 29c of the empty wrapper sheet 21c remain on the container along its back 94. The section 52 of said wrapper sheet is extended along the inside of the cover flap section 95 of the container and tucked under the strip 96 to store the empty wrapper section 52 clear of subsequent full package units in front of said empty wrapper section 52. All of the empty wrapper sections 52 can be similarly stored, until the last adhesive bandage 10 from the last package unit 90 in front is withdrawn.

Fig. 15 shows a modified form of container adaptable, for example, for use in connection with the form of package unit 63 illustrated in Figs. 1 to 6. This form of container is constructed from a single sheet of flexible material, such as leather or textile fabric, folded to form a back 100, a front cover 101 connected to one end of the back by a fold line 102 and a pocket 103 at the other end of the back to receive the free end of said cover in closed position of the container. Connected to the inside of the front cover 101 near its free end is a strip 104 for storing empty wrappers 20 thereunder. At one end near the fold line 102, a tab 105 preferably cut out from the back 100 is provided with a hole 106 to receive a nail or similar member by which the container may be supported from a wall.

The package units 63 similar to those of Figs. 1 to 6, are arranged in a pack, with their tab ends nearest the fold line 102 of the container and with the finger tab 22 of each package unit in front and the tab 41 of the packer unit in the back. A staple 107 passes through the upper end of the cover 101 and the stack of projecting end sections 24 of the wrapper sheets 20 defining the holding tabs 41.

The withdrawals of the adhesive bandages 10 successively from their wrappers 11 are effected from front to back in the manner described in connection with the construction of Fig. 11. The empty wrapper sheets 20, however, are tucked underneath the strip 104 of the cover 101 to keep them clear of the full package units 63.

While the invention has been described with particular reference to specific embodiments, it is to be understood that it is not to be limited thereto, but is to be construed broadly and restricted solely by the scope of the appended claims.

What is claimed is:
1. In combination, a pack of adhesive bandage package units, each of said units comprising an adhesive bandage including an adhesive tape presenting an adhesive surface, a wrapper enclosing the adhesive bandage comprising a pair of wrapper sheets, one of said wrapper sheets having a section wrapped around a section of the adhesive bandage and removably attached to the adhesive bandage to form with said adhesive bandage section a tab by which the adhesive bandage with said one wrapper sheet attached may be withdrawn from the other wrapper sheet, and breakable juncture means connecting said wrapper sheets together, and a container for said pack having means securing said package units thereto through the other wrapper sheets, with said tabs accessible to permit the adhesive bandages to be withdrawn successively from their said other wrapper sheets respectively with their said one wrapper sheets respectively attached thereto by pulling manipulations of their corresponding tabs, while said other wrapper sheets which have been emptied remain secured to said container.

2. In combination, a pack of adhesive bandage package units, each of said units comprising an adhesive bandage including an adhesive tape presenting an adhesive surface, a wrapper for the adhesive bandage comprising a
pair of wrapper sheets, one of said wrapper sheets having a section folded and wrapped around an end section of the adhesive bandage and removably attached to said adhesive surface to form with said end section of the adhesive bandage a tab by which the adhesive bandage with said one wrapper sheet attached may be withdrawn from the other wrapper sheet, and breakable juncture means comprising said wrapper sheets together, the other wrapper sheet having a tab section adjacent to and facing said tab, and a container for said pack of package units having means securing the tab sections to said container, while rendering said tabs successively accessible, to permit the adhesive bandages to be withdrawn successively from their said other wrapper sheets respectively by pulling manipulation of said tabs, while said other wrapper sheets which have been emptied remain secured through their tab sections to said container.

3. The combination as described in claim 2, wherein said container presents a rear cover and an upper pocket end section, wherein package units are arranged in the pack with the tab of each package unit in the rear of the package unit and the tab section in the front, and wherein the tab sections of the package units extend into the pocket end section of the container and are fastened to said other wrapper sheets by said securing means whereby the adhesive bandages may be withdrawn from their said other wrapper sheets successively from the rear to the front of the pack.

4. The combination as described in claim 2, wherein said container comprises a back and said securing means comprises a U-shaped bracket fastened to the upper end of the back and forming with the back a gap through which said other wrapper sheets when emptied may be folded over to extend along the back clear of the full package units, wherein the package units in the pack are arranged with the tab of each package unit in front of the tab section of the latter package unit, and wherein said securing means comprises a strip passing through said tab sections and one of said container members.

5. In combination, a pack of adhesive bandage units, each of said package units comprising an adhesive bandage including an adhesive tape presenting an adhesive surface, a wrapper for the adhesive bandage comprising a pair of wrapper sheets, one of said wrapper sheets having a section wrapped around one end of the adhesive bandage and removably attached to the adhesive bandage to form with the adhesive bandage end a tab by which the adhesive bandage with said one wrapper sheet attached may be withdrawn from the other wrapper sheet, the other wrapper sheet having a section forming a tab adjacent to the first-mentioned tab, and breakable juncture means connecting said wrapper sheets together and adapted to be broken when said sheets are pulled apart through said tabs, said other wrapper sheet extending along opposite faces of the adhesive bandage and having a section at the other end of the adhesive bandage projecting beyond the latter end, and a container for said pack having means securing said pack thereto by means fastened to said projecting sections of said other wrapper sheets while rendering said tabs accessible for manipulation, whereby the adhesive bandages may be withdrawn successively from said other wrapper sheets by manipulation of said tabs, while said other wrapper sheets which have been emptied remain on said container by said securing means.

7. The combination as described in claim 6, wherein said container comprises a back and wherein the pack of package units are stapled at one end to said back through said projecting sections of said other wrapper sheet, juncture means comprising a pack of adhesive bandage units, each of said units comprising an adhesive bandage and a wrapper enclosing the adhesive bandage, and a container securing the pack of package units together for successive dispensation, said wrapper comprising two separable sections, one section being secured to the container, the other section being attached to the enclosed adhesive bandage, whereby said other wrapper section with the attached bandage package may be withdrawn and separated from said one wrapper section and from the container to open up the wrapper, while said one wrapper section remains secured to said container.

9. The combination as described in claim 8, wherein said other wrapper section attached to the enclosed adhesive bandage forms with the enclosed adhesive bandage a tab manipulable to permit the adhesive bandage and the latter wrapper section to be withdrawn and separated from the wrapper section secured to the container.

10. The combination as described in claim 8, wherein said container comprises means for storing the empty wrapper sections secured to the container clear of the full package units.

11. The combination as described in claim 8, wherein said container comprises a cover and means for storing and holding the empty wrapper sections secured to the container against said cover and clear of the full package units.

12. The combination as described in claim 8, wherein said container comprises a sheet folded to form a cover and an end pocket receiving the pack of package units, a part of each of the wrapper sections secured to said container extending into and being secured to said pocket.

13. The combination as described in claim 8, wherein said container is in the form of a matchbook.

14. The combination as described in claim 8, wherein said container is in the form of a matchbook having a back member and a front cover member hinged together, and one of said members has means for storing the wrapper sections secured to the container against the latter matchbook member after the latter wrapper sections have been emptied to keep them clear of the full package units.

15. The combination as described in claim 8, wherein said container comprises a single sheet of flexible material, folded to form a back, a front cover connected to one end of the back by a fold line and a pocket at the other end of the back to receive the free end of said cover in closed position of the container.

16. In combination, a pack of adhesive bandage units, each of said units comprising an adhesive bandage and a wrapper enclosing the adhesive bandage and comprising two sections extending face to face with the adhesive bandage sandwiched therebetween and with the margins of said sections extending outwardly beyond the sides of said adhesive bandage and connected together by breakable seams, and a container securing the pack of package units together for successive dispensation, one of said sections being secured to the container, the other section being attached to the enclosed bandage, whereby by pulling said other wrapper section and said adhesive bandage together away from the wrapper section secured to the container, said seams are broken and the wrapper is opened up, permitting thereby access to said adhesive bandage, while the wrapper section secured to said container remains so secured.

17. In combination, a pack of adhesive bandage units, each of said units comprising an adhesive bandage and a wrapper enclosing the adhesive bandage, and a container securing the pack of package units together for
dispensations, said wrapper comprising a pair of separable sections face to face and sandwiching the adhesive bandage therebetween, one of said wrapper sections extending beyond one end of the adhesive bandage to form a holding tab secured to the container, the other wrapper section being attached to one end of the adhesive bandage to form a finger tab therewith, whereby said other wrapper section with the attached adhesive bandage may be pulled by said finger tab from the wrapper section secured to the container to open said wrapper while retaining the latter wrapper section secured to the container.

18. In combination, a pack of adhesive bandage units, each of said units comprising an adhesive bandage with an adhesive face and a wrapper enclosing the adhesive bandage, and a container securing the pack of package units together for successive dispensation, said wrapper comprising two separable sheet sections face to face having the bandage sandwiched therebetween, one of said sheet sections facing said adhesive face and adhering thereto through the adhesive on said face, the latter sheet section having an end projecting beyond the corresponding end of the bandage and secured to the container, the other wrapper section being attached to and forming a finger tab with the latter end of the adhesive bandage, whereby upon the pulling of said finger tab said other wrapper section with the attached adhesive bandage will be peeled off the wrapper section secured to the container to open up the wrapper, while the latter wrapper section remains secured to said container.

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