In the first embodiment, the crotch stretching unit 200 is formed so as to run across a virtual product centerline VL_T. The virtual product centerline VL_T is a virtual line which passes through a center C_T of the disposable diaper 10 in the product longitudinal direction L and which extends along the product widthwise direction W.

[0091]

The disposable diaper 10 has two fold lines FL which extend along the product widthwise direction W. For example, the disposable diaper 10 is sealed in a package in a state in which the diaper is folded into two sections while the two fold lines FL are employed as base points. The two fold lines FL are respectively formed at positions which overlap with the crotch stretching unit 200 in the crotch region 25.

[0092]

Incidentally, it is to be kept in mind that the virtual product centerline VL_T is a virtual line which passes through the center C_T of the disposable diaper 10 in the product longitudinal direction L in a case where the disposable diaper 10 (an elastic member 71) is in a stretched state. It is preferable that the two fold lines FL pass through the center of the disposable diaper 10 in the product longitudinal direction L in the case where the disposable diaper 10 (the elastic member 71) is in a shrunk state. Therefore, in the stretched state of the disposable diaper 10, it is preferable that the two fold lines FL be provided at a rear side than the virtual product centerline VL_T in the product longitudinal direction L. In this manner, in a state in which the disposable diaper 10 is folded into two sections, a height of the rear side end of the back waistline region 30 and a height of the front end of the front waistline region 20 are easily made equal to each other.

[0093]

In detail, in the case where the disposable diaper 10 is in the stretched state, in the product longitudinal direction L, let us consider a case in which: a length from the virtual product centerline VL_T to the rear side end of the back waistline region 30 and a length from the virtual product centerline VL_T to the front end of the front waistline region 20 are represented by "L_H"; ~~a length from a respective one of the two fold lines FL to the end of the back waistline region 30 is represented by "X";~~ a length from the virtual product centerline VL_T to the front side end of the crotch stretching unit 200 is represented by "Af"; a length from the virtual product centerline VL_T to the rear side end of the crotch stretching unit 200 is represented by "Ab"; and a length from the virtual product centerline VL_T to a respective one of the two fold lines is represented by "X". Also, let us consider a case in which a stretching rate of the crotch stretching unit 200 is represented by "t" and a range defined by a product thickness of a site which overlaps with the two fold lines FL is represented by P.

[0094]

In such cases, it is preferable that the two fold lines FL be formed in a range of ±P from a position which meets a relationship of $X = \{[L_H - Af\,(t-1)/t] - [L_H - Ab\,(t-1)/t]\} \times 1/2 \times t$. The two fold lines FL are formed at the position which meets the relationship as mentioned above, whereby, in a state in which the disposable diaper 10 has been folded into two sections, the height of the rear side end of the back waistline region 30 and the height of the front side end of the front waistline region 20 are made equal to each other.

[0095]

Thus, in the first embodiment, the crotch stretching unit 200 is formed at the position that overlaps with the absorber 40 in the crotch region 25. Also, the crotch stretching unit 200 is formed so as to run across the virtual product centerline VL_T, and overlaps with the two fold lines FL.

[0096]

Therefore, the crotch stretching unit 200 is stretchable in the product longitudinal direction L, and is formed at a position which overlaps with the absorbent core 40a in a planar view. In this manner, in a state in which the front waistline region 20 and the back waistline region 30 are retained at the wearer's body, the crotch

The disposable diaper according to claim 1, wherein a length of the back waistline region in the product longitudinal direction is 1.1 times or more and 1.6 times or less of a length of the front waistline region in the product longitudinal direction.

[Claim 6]

The disposable diaper according to claim 1, wherein a length of the back waistline region in the product longitudinal direction is 1.2 times or more and 1.5 times or less of a length of the front waistline region in the product longitudinal direction.

[Claim 7]

The disposable diaper according to claim 1, wherein the disposable diaper is sealed in a package in a state in which the disposable diaper is folded into two sections with the two fold lines being employed as base points.

[Claim 8]

The disposable diaper according to claim 1, wherein

in a case where the disposable diaper is in a stretched state, in the product longitudinal direction, a length from the virtual product centerline to the rear side end of the back waistline region are represented by "L_H"; a length from the virtual product centerline to the front side end of the crotch stretching unit is represented by " Af"; a length from the virtual product centerline to the rear side end of the crotch stretching unit is represented by " Ab"; and a length from the virtual product centerline to a respective one of the two fold lines is represented by " X";

a stretching rate of the crotch stretching unit is represented by "t";

a range defined by a product thickness of a site which overlaps with the two fold lines is represented by " P"; and

the two fold lines are formed in a range of ±P from the position meeting a relationship of $X = \{[L_H - Af(t-1)/t] - [L_H - Ab(t-1)/t]\} \times 1/2 \times t$.