

Inliner for a pallet container

Abstract

The present invention relates to a cuboid-shaped flexible inliner (28) from a plastics film, having an upper filling connector (44) and a lower removal connector (42), for a pallet container (10) for storing and for transporting liquid or free-flowing filling materials, having a thin-walled rigid internal container (12) from a thermoplastic plastics material, having a tubular lattice frame (14), as a supporting jacket tightly enclosing the plastics-material internal container (12), from welded-together horizontal and vertical tubular bars (18, 20), and having a rectangular base pallet (16) on which the plastics-material internal container (12) bears and to which the tubular lattice frame (14) is fixedly connected, wherein the cuboid-shaped plastics-material internal container (12) on the base side, in the center of the front wall, has a protective-housing-shaped molding (26), directed inward toward the inside of the plastics-material internal container (12), for disposing a closable removal fitting (24) in a protected recessed manner.

In order to facilitate the use of inliners in pallet containers and in particular to avoid with high reliability a formation of creases by the inliner in the interior of the rigid internal container, it is provided according to the invention that the cuboid-shaped flexible inliner (28) in the lower removal region has a corresponding wall recess (34), directed inward and adapted to the protective-housing-shaped molding (26) of the rigid plastics-material container (12), having a flexible removal connector (42) molded thereon, which is configured so as to bear completely in an exact fit on the internal surface of the molding (26) that protrudes in a protective-housing manner into the interior of the rigid plastics-material container (12).

(Figure 2)