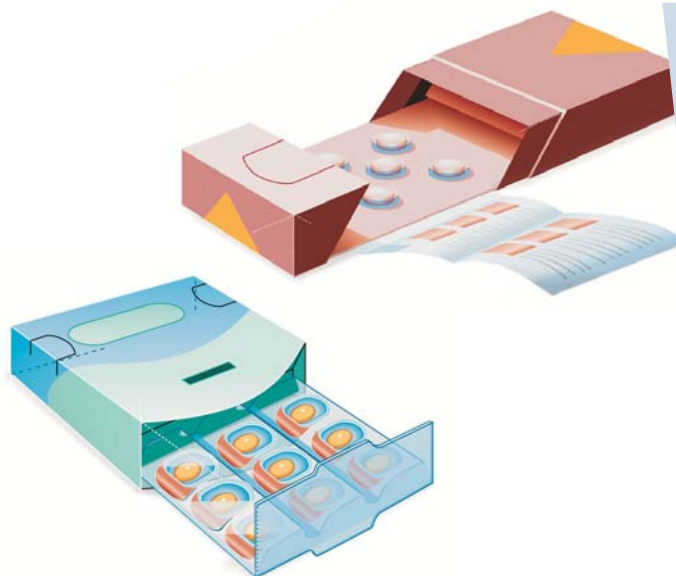


Dependability with wallet packs

Childproof and senior effective – two major functions within one package.

The successful return of the Wallet pack to the supermarket shelves triggered the launch of a whole series of distinctive package variants. Required standard criteria were complied with by the package structure, the use of tear-resistant materials and specific functions, such as access-restricting safety features.



EU Regulations

DIN EN ISO 8317

Procedure to test reclosable packages for childproofness:

This procedure consists of tests, governed by DIN EN ISO 8317, with children and elderly people. 85% of the children should not be able to open the package within 5 minutes of the first phase of the test. Following a demonstration of the opening process and another 5 minutes, at least 80% of the remaining test group must still not be able to open the package.

As another requirement a number of persons between 50 and 70 years of age should be able to open the package within 5 minutes, while a correct reclosure must be guaranteed.

A second run of the test must be completed within only one minute. 90% of the senior test group must complete the test successfully.

DIN EN 14375

Procedure to test non-reclosable packages for childproofness:

According to DIN EN 14375 the requirements on non-reclosable packages include the definition that children should not be able to access more than 8 medication units within 10 minutes. A test run with adults is required as well.

US Requirements

Poison Prevention Packaging Act (PPPA)

This Act was adopted by the American congress in the seventies. It enforces the implementation of “special packages” to guarantee the comprehensive protection of children from poisoning accidents in the household.

Consumer Product Safety Commission (CPSC)

This agency determines the respective products, requirements on the packaging and testing procedures.

Test procedure for childproof packages according to 16 CFR § 1700.20

This bill represents the counterpart to DIN ISO 8317 and EN 14375 (the European standards closely follow the American bill draft).

The American standard

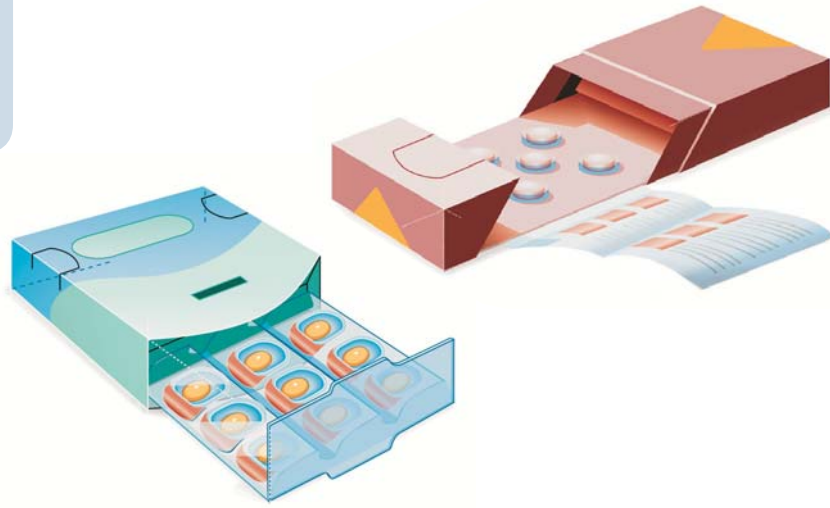
16 CFR § 1700.20 combines both reclosable and non-reclosable packages. Unlike the European standard, the children are requested to use their teeth for opening the package.

The tests with elderly people are based on the identical conditions and age spread as with EN 14375.

Also, the “**Adult Resecuring Test**” was introduced for reclosable packages. This test is to ensure that in the ensuing test a reclosed package cannot be opened by children.

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More package functions due to optimized machine design:

Increasingly, our customers process blanks with dynamic design requirements. From the configuration of the package, including perforation, to opening aids for the cardboard and for releasing the tablets up to lockable Wallets - everything is technologically conceivable as well as feasible. As our inhouse Project Engineering department cooperates closely with well-established packaging manufacturers, we are able to advise our customers comprehensively and competently on the design of their Wallet package and the configuration of their product. We are renowned in the market for our individual system solutions. One of the emerging market trend is packing the Wallet card into a lockable sleeve.

