

# ***Slide Fasteners (Zips)***

## ***DIN EN 16732***

### **Purpose**

The “DIN EN 16 732 Zipper Specifications” specifies performance requirements according to the end usage and test methods as well as the labelling for bringing zippers into circulation.



### **The test is suitable for**

- Apparel (also for children's articles)
- Sportswear (skiing, diving)
- Leather goods
- Upholstery
- Luggage
- Sleeping bags and tents
- Bedding (including mattresses)
- Zippers of all types of construction

## Description

DIN EN 16 732 describes test methods for the individual components and functions of zippers:

- Strength of puller attachment
- Strength of closed-end zippers
- Strength of the top stop
- Strength of open-end slide fastener box
- Resistance to reciprocation (500x open and close)
- Lateral strength of the zipper
- Lateral strength of open-end attachment
- Strength of slider locking device



Especially for children's items:

- Open-end slide fastener single stringer slider retention
- Torque strength

In addition, zippers should conform to the color fastness and dimensional stability requirements:

- Dry cleaning fastness acc. to DIN EN ISO 105-D01
- Color fastness to washing acc. to DIN EN ISO 105-C06
- Color fastness to water acc. to DIN EN ISO 105-E01
- Dimensional changes after washing acc. to DIN EN ISO 5077
- Dimensional changes after dry cleaning acc. to DIN EN ISO 3175-2

On request, the type of zipper can also be determined (closed-end, open-end, left-handed or right-handed, type and material of the elements, zipper length, chain width, type of slider)

## Your benefit as a client

- Ensuring minimum requirements
- Verification of suppliers
- Reduction of complaints

## Requirements for test samples

### General:

The tests are usually carried out on unprocessed slide fasteners.

### Quantity of material:

For a complete lab test 30 zippers are required. If only individual tests are selected, an agreement with the testing institute is recommended.

### Duration of testing:

After a maximum of 10 working days you will receive a detailed test report with descriptions of the test items and the test results.