

BS EN 455-2 - PUNCH TESTING FIXTURE

MEDICAL GLOVES FOR SINGLE USE. REQUIREMENTS AND TESTING FOR PHYSICAL PROPERTIES.



BS EN 455-2 - Punch

BS EN 455-2 describes the testing requirements for determination of physical properties, including break strength, before and after accelerated aging, of medical gloves for single use, surgical gloves, examination/procedure gloves, long-cuff medical gloves, and seamed/welded gloves.

For this test, we recommend either pneumatic grips side acting grips or mechanical elastomeric grips (manufactured by Sòphia). Pneumatic grips have the advantage because they allow increased productivity and ensure that these high-elongation materials don't slip from the grips during a test.

To realize the specimens you must use a specific punch.

In some cases, elongation values are also desired, although not required by the standard. For this we recommend a long-travel extensometer that can handle over 1000% strain to ensure calculation of strain at break.

