

Thickness of the Test Specimens



EN 374
-3:2003*

Sample has to be taken from the **palm** of the glove.

ASTM
D6978-05**

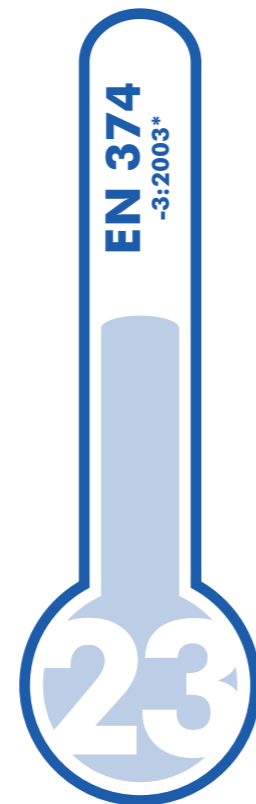
Sample has to be taken from **either** the palm or the **cuff** of the glove, whichever is the **thinner**.

Did you know?

The **cuff** is usually the **thinnest** part of the glove.

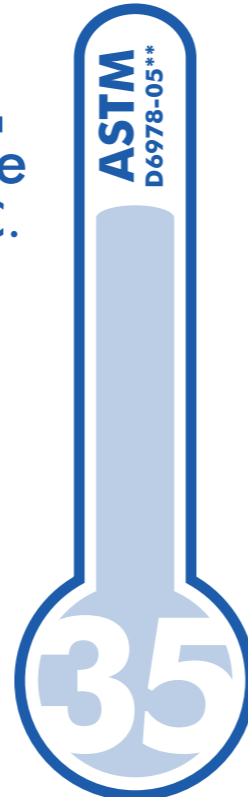
Test Temperature

Testing to be conducted at a temperature of **23° ± 1°C**.



EN 374
-3:2003*

Testing to be conducted at a temperature of **35° ± 2°C**. Closer to body temperature.



ASTM
D6978-05**

Did you know?

Permeation rates are much **greater** at higher temperatures.

Test Chemicals

EN 374
-3:2003*

A minimum of **three** chemicals must be used for the test.



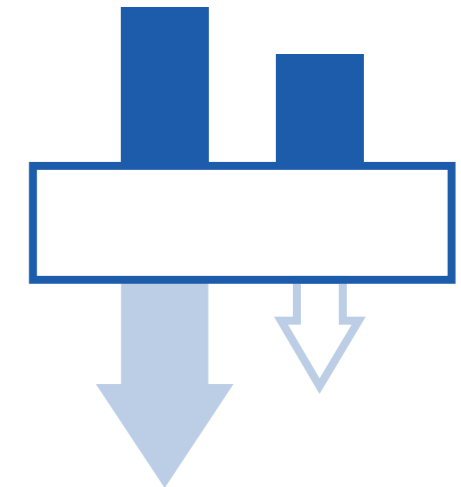
A minimum of **nine** chemotherapy drugs must be used for the test.

ASTM
D6978-05**

Did you know?

None of the chemicals used in the **EN374** test needs to be a **Chemotherapy** drug.

Permeation Limit



Breakthrough of the test chemical is deemed to have occurred when the permeation rate has reached ...



EN 374
-3:2003*
1.00
µg/cm²/min.



ASTM
D6978-05**
0.01
µg/cm²/min.

Did you know?

The **ASTM D6978-05** breakthrough test limit is **100th** of the **EN 374-3:2003** limit.