

Permeation breakthrough times according to EN374-3:2003 (minutes)

Glove :

Virtex™ 79-700

| | Chemical Agent | Breakthrough Time | Protection Index | CAS Number | Notified Body | EN Standard |
|--|-------------------------|-------------------|------------------|------------|------------------|-------------|
| | Acetic Acid, Glacial | 9 | 0 | 64-19-7 | Centexbel | 374-3:2003 |
| | Acetone | < 5 | 0 | 67-64-1 | Centexbel | 374-3:2003 |
| | Acetonitrile | < 5 | 0 | 75-05-8 | Centexbel | 374-3:2003 |
| | Acrylic Acid | < 5 | 0 | 79-10-7 | Centexbel | 374-3:2003 |
| | Ammonium Hydroxide, 25% | 24 | 1 | 1336-21-6 | Centexbel | 374-3:2003 |
| | Benzene | < 5 | 0 | 71-43-2 | Centexbel | 374-3:2003 |
| | Butyl Acetate | < 5 | 0 | 123-86-4 | Centexbel | 374-3:2003 |
| | Chromic Acid, 50% | > 180 | 4 | 11115-74-5 | Centexbel | 374-3:2003 |
| | Cyclohexanone | 6 | 0 | 108-94-1 | Centexbel | 374-3:2003 |
| | Diethylamine | < 5 | 0 | 109-89-7 | Centexbel | 374-3:2003 |
| | Dimethyl Formamide, DMF | <5 | 0 | | Centexbel | 374-3:2003 |
| | Dimethylformamide | 8 | 0 | 68-12-2 | Centexbel | 374-3:2003 |
| | Ethanol, 95% | 15 | 1 | 64-17-5 | Centexbel | 374-3:2003 |
| | Ethyl Acetate | < 5 | 0 | 141-78-6 | Centexbel | 374-3:2003 |
| | Formaldehyde, 35% | > 480 | 6 | 50-00-0 | Centexbel | 374-3:2003 |
| | Heptane | > 480 | 6 | 142-82-5 | Centexbel | 374-3:2003 |
| | Hexane | > 480 | 6 | 110-54-3 | Centexbel | 374-3:2003 |
| | Hydrochloric Acid, 37% | 166 | 4 | 7647-01-0 | Centexbel | 374-3:2003 |
| | Hydrofluoric Acid, 48% | 9 | 0 | 7664-39-3 | Force Technology | 374-3:2003 |

Permeation breakthrough times according to EN374-3:2003 (minutes)

| 0 | 1 | 2 | 3 | 4 | 5 | 6 |
|-----------------|-------------------|-------|-------------------|---------|-----------------|-------|
| < 10 | 10-30 | 30-60 | 60-120 | 120-240 | 240-480 | > 480 |
| Not recommended | Splash protection | | Medium protection | | High protection | |

Data given in the table above are based on results of laboratory tests performed on the palm area of the glove or are based on extrapolations from the results of laboratory tests. These tests were run using standard test methods that may not adequately replicate any specific conditions of end use. Because Ansell has no detailed knowledge or control over the conditions of end use, any of these data must be advisory only, and Ansell must decline any liability.

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| | Hydrogen Peroxide, 30% | 140 | 4 | 7722-84-1 | Centexbel | 374-3:2003 |
| | Iso-Octane | > 480 | 6 | 540-84-1 | Centexbel | 374-3:2003 |
| | Isopropanol | 96 | 3 | 67-63-0 | Centexbel | 374-3:2003 |
| | Methanol | 6 | 0 | 67-56-1 | Centexbel | 374-3:2003 |
| | Methyl ethyl ketone | < 5 | 0 | 78-93-3 | Centexbel | 374-3:2003 |
| | Nitric Acid, 70% | < 5 | 0 | 7697-37-2 | Centexbel | 374-3:2003 |
| | Peracetic acid, 39% | 20 | 1 | 79-21-0 | Centexbel | 374-3:2003 |
| | Perchloroethylene | 12 | 1 | 127-18-4 | Centexbel | 374-3:2003 |
| | Sodium Hydroxide, 40% | > 480 | 6 | 1310-73-2 | Centexbel | 374-3:2003 |
| | Styrene | < 5 | 0 | 100-42-5 | Centexbel | 374-3:2003 |
| | Sulphuric acid, 96% | 13 | 1 | 7664-93-9 | Centexbel | 374-3:2003 |
| | Toluene | < 5 | 0 | 108-88-3 | Centexbel | 374-3:2003 |
| | Triethylamine | 100 | 3 | 121-44-8 | Centexbel | 374-3:2003 |
| | Xylene | < 5 | 0 | 1330-20-7 | Centexbel | 374-3:2003 |

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