

NITRILITE® 93-401

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

| Chemical Agent | Level of Protection | Breakthrough Time | Protection Index | CAS Number | Notified Body | EN Standard |
|---|---------------------|-------------------|------------------|------------|------------------|-------------|
| Acetic Acid, Glacial | Not Recommended | 6 | 0 | 64-19-7 | Centexbel | 374-3:2003 |
| Acetonitrile | Not Recommended | <5 | 0 | 75-05-8 | Centexbel | 374-3:2003 |
| Acrylamide, 40% | High Protection | >480 | 6 | 79-06-1 | Force Technology | 374-3:2003 |
| Ammonium Hydroxide, 25% | Not Recommended | 7 | 0 | 1336-21-6 | Centexbel | 374-3:2003 |
| Butyl Alcohol | Splash Protection | 28 | 1 | 71-36-3 | Centexbel | 374-3:2003 |
| Cyclohexane | Medium Protection | 67 | 3 | 110-82-7 | Centexbel | 374-3:2003 |
| Diesel Fuel | High Protection | >480 | 6 | 68334-30-5 | Force Technology | 374-3:2003 |
| Dimethyl Sulfoxide | Not Recommended | 10 | 0 | 67-68-5 | Force Technology | 374-3:2003 |
| Ethanol, 70% | Splash Protection | 31 | 2 | 64-17-5 | Centexbel | 374-3:2003 |
| Ethidium Bromide in Water (saturated, ± 5%) | High Protection | >480 | 6 | 1239-45-8 | Centexbel | 374-3:2003 |
| Ethyl Acetate | Not Recommended | <5 | 0 | 141-78-6 | Centexbel | 374-3:2003 |
| Hexane | High Protection | >480 | 6 | 110-54-3 | Centexbel | 374-3:2003 |
| Hydrogen Peroxide, 30% | Splash Protection | 22 | 1 | 7722-84-1 | Centexbel | 374-3:2003 |
| Isopropanol | Medium Protection | 81 | 3 | 67-63-0 | Centexbel | 374-3:2003 |

| | | | | | | |
|---------------------|-------------------|------|---|------------|------------------|------------|
| Kerosene | Medium Protection | 82 | 3 | 64742-81-0 | Force Technology | 374-3:2003 |
| Methanol | Not Recommended | <5 | 0 | 67-56-1 | Centexbel | 374-3:2003 |
| Methylmethacrylate | Not Recommended | 1.5 | 0 | 80-62-6 | Force Technology | 374-3:2003 |
| Perchloroethylene | Not Recommended | <5 | 0 | 127-18-4 | Centexbel | 374-3:2003 |
| Sulphuric Acid, 48% | High Protection | >480 | 6 | 7664-93-9 | Centexbel | 374-3:2003 |
| Sulphuric Acid, 98% | Not Recommended | 10 | 0 | 7664-93-9 | Centexbel | 374-3:2003 |
| Xylene | Not Recommended | <5 | 0 | 1330-20-7 | Centexbel | 374-3:2003 |

EN374-3:2003 Permeation breakthrough times - Minutes

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|--------------|-----------------|-------------------|-------|-------------------|---------|-----------------|-------|
| Class | Unclassified | 1 | 2 | 3 | 4 | 5 | 6 |
| Time | < 10 | 10-30 | 30-60 | 60-120 | 120-140 | 240-480 | > 480 |
| Usage | Not Recommended | Splash Protection | | Medium Protection | | High Protection | |

Disclaimer

Data given in the table above are based in 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 conditions of end use, any of these data must be advisory only, and Ansell must decline any liability.