

# Chemical resistance of “Clicktouch” membranes

Ver. 2.1

## Overview

Following characteristics are gathered from (2nd column) :

- P : Product information/data sheets of our raw material suppliers.
- T : Tests that have been conducted in house.
- C : Certified tests done by Alcatel Bell Telephone.

Test results are indicated by (1st column)

- A : no visible degradation of material, no change in appearance.
- B : good resistance, negligible change in appearance.
- C : fair resistance, cloudiness.
- D : poor resistance, severe cloudiness, staining, strong degradation of material.

Precise test conditions can always be obtained from the quality department.

UV-cured structuring varnish on polyester.

|                                      |     |   |
|--------------------------------------|-----|---|
| 3 N HCL                              | A/P | C |
| 30% H2SO4                            | A   | C |
| 50% NaOH                             | A   | C |
| Acetic Acid                          | D   | C |
| Acetone                              | A   | T |
| Benzene                              | A   | C |
| Bleach                               | B   | T |
| Coca Cola                            | A   | C |
| Detergent                            | A   | C |
| Diesel Fuel                          | A   | C |
| Ethanol                              | A   | C |
| Ethylene glycol                      | A   | C |
| Formaldehyd                          | A   | C |
| Gasoline                             | A   | C |
| Hydraulic oil Monsanto Skydrol 500B4 | A   | T |
| Hydrogen peroxid (30%)               | A   | C |
| Isopropanol                          | A   | C |
| Kerosine Chevron HYJET-IV A          | A   | T |
| Methanol                             | A   | C |
| Mineral Oil (0-180)                  | A   | C |
| Toluene                              | A   | C |
| Trichlorethane                       | A   | P |
| Vinegar                              | D   | C |
| White Spirit                         | A   | C |



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