

TABLE I**Resistance of DuPont Tyvek®
to Salt Solutions¹**

The breaking strength of Types 10 and 14² is unaffected after 1,000 hours exposure at 70°F (21°C) to the saturated salt solutions listed below:

Aluminum Chloride	Cobaltous Sulfate	Ferrous Sulfate	Sodium Chloride
Aluminum Sulfate	Copper Chloride	Magnesium Chloride	Sodium Fluoride
Ammonium Chloride	Copper Sulfate	Manganous Chloride	Sodium Nitrate
Ammonium Nitrate	Ferric Ammonium Sulfate ³	Mercuric Chloride	Sodium Nitrite
Ammonium Sulfate	Ferric Chloride ³	Nickel Chloride	Sodium Sulfate
Ammonium Thiocyanate	Ferric Citrate ³	Potassium Chloride	Sodium Thiocyanate
Cadmium Chloride	Ferric Nitrate	Potassium Thiocyanate	Stannic Chloride
Calcium Chloride	Ferric Oxalate ³	Silver Nitrate	Stannous Bromide
Calcium Thiocyanate	Ferric Sulfate	Sodium Bisulfate	Stannous Chloride
Chromic Sulfate	Ferric Potassium Sulfate ³	Sodium Bromide	Zinc Chloride

¹ In the case of limited use/disposable protective apparel, the user should visit the website at www.TyvekProtectiveApprl.com or use the TyFax® Data Service at 1-800-55-TYFAX for permeation data.

² Tests actually performed on Styles 1073D and 1422A.

³ Sample yellowed after exposure.

TABLE II**Resistance of DuPont Tyvek®
to Oxidizing and Reducing Agents¹**

Agent	Exposure Conditions				Effect on Breaking Strength ⁶
	Concentration, %	Temperature, °F (°C)	Time, Hr.	pH	Type 10/Type 14 ⁷
Calcium hypochlorite	Sat. Solution	70 (21)	1	11.8	None
Chlorine water	Sat. Solution	70 (21)	10	1.3	Moderate/Slight
Hydrogen peroxide	90	70 (21)	10	—	Not Tested/Slight
Peracetic acid	2.0 ²	210 (99)	10	8.0	Not Tested/Slight
Potassium monopersulfate	1.0 ²	160 (71)	100	10.5	Moderate/Considerable
Sodium chlorite	0.6 ²	210 (99)	10	4.5	None/Slight
Sodium chlorite	0.6	210 (99)	10	10.5	None/Slight
Sodium hypochlorite	0.3 ²	70 (21)	10	4.5	Not Tested/Moderate
Sodium hypochlorite	5.3	70 (21)	1	12.2	None
Sodium perborate	1.0 ²	160 (71)	100	10.5	None
Sodium bisulfite	3.0	210 (99)	10	4.5	None
Sodium bisulfite	3.0 ²	160 (71)	10	9.0	None
Sodium hydrosulfite	3.0 ²	160 (71)	10	13.5	None
Sodium sulfite	3.0	210 (99)	10	10.1	None
Sodium thiosulfate	3.0	210 (99)	10	9.8	None

¹ In the case of limited use/disposable protective apparel, the user should visit the website at www.TyvekProtectiveApprl.com or use the TyFax® Data Service at 1-800-55-TYFAX for permeation data.

² Sodium carbonate and 1% "Calgon" as additives.

³ Sodium carbonate as additive.

⁴ Acetic acid as additive.

⁵ Sodium hydroxide as additive.

⁶ Change in breaking strength caused by exposure:
 None = 90 through 100% of original strength retained
 Slight = 80 through 89% of original strength retained
 Moderate = 60 through 79% of original strength retained
 Considerable = 20 through 59% of original strength retained

⁷ Tests actually performed on Styles 1073D and 1422A.