

NITRILE			
Chemical Permeation Results	Sensicare Ice		
	Test Used	Concentration	Breakthrough (min.)
Acetaldehyde	ASTM F739	99%	0
Acetic Acid	EN 374 -3	10%	>120
Acetone	EN 374 -3		<10
Acetonitrile	ASTM F739	99%	0
Acrylamide 40%	EN 374 -3	40%	>480
Ammonium Chloride, Saturated	EN 374 -3		>480
Ammonia Hydroxide, 28%	ASTM F739	28%	99.3
Benzene	ASTM F739		0
Benzyl Alcohol, 99%	EN 374 -3	99%	0
Butyl Cellosolve, 99%	EN 374 -3	99%	0
Cetrimide, 1%	ASTM F739	1%	>480
Chlorhexidine Gluconate	ASTM F739	20%	>480
Chlorhexidine Digluconate	ASTM F739	4%	>480
Chloroform	ASTM F739	99.9%	0
Citric Acid 70%	ASTM F739	70%	>480
Cyclohexanol (Hexanol)	EN 374 -3		>60
Ethanol	ASTM F739	85%	10.7
Ethanol, 99.5%	ASTM F739	99.5%	8
Ethidium Bromide	EN 374 -3		>480
Ethyl Acetate	ASTM F739		0.2
Formalin	ASTM F739		>480
Formaldehyde 5%	ASTM F739	4% & 5%	>480
Formaldehyde 30 (Formaldehyde 37%)	ASTM F739	37%	0
Formic Acid	ASTM F739	88%	9.7
*Glutaraldehyde, 5.0 %	ASTM F739	5%	>480
Hydrochloric Acid, 35%	ASTM F739	35%	165.8
Hydrochloric Acid, 10%	ASTM F739	10%	>480
Hydrazine Solution, 35%	ASTM F739	35%	144.2
Hydrochloric acid 35%	EN 374 -3	36%	30
Hydrogen Peroxide, 30%	ASTM F739 & EN 374 -3	30%	36.4/19
Isopropyl Alcohol 30%	ASTM F739	30%	19.5
Isopropyl Alcohol 70%	ASTM F739	70%	17.4
Isopropyl Alcohol 90%	ASTM F739	90%	13
Isopropanol 70%	EN 374 -3		<10
Isopropanol 99%	ASTM F739	99%	22.5
Lidocaine Hydrochloride Jelly USP, 2%	ASTM F739		69.2
Methanol	ASTM F739	99.9%	0
Micro-Kill+ Cleaning Wipes with Alcohol	ASTM F739		13.5
Microkill One Germicidal Alcohol Wipes	ASTM F739		20.4
n-Heptane	EN 374 -3		<10
n-Hexane	ASTM F739		10.6
Nitric Acid, 10%	EN 374 -3	10%	>480
Nitric Acid, 36%	EN 374 -3	36%	>480
Peracetic Acid, 5%	ASTM F739	5%	191.7
Phenol 10%	ASTM F739	10%	0
Potassium Hydroxide	EN 374 -3	30%	> 480
Povidone Iodine 10%	ASTM F739	10%	> 480
Super Sani-Cloth Germicidal Disposable Wipe	ASTM F739		80
Sterillium	ASTM F739		0.8
Sodium Hydroxide, 40%	EN 374 -3	40%	480
Sodium Hypochlorite 10-13% (Clorox Bleach)	ASTM F739	10-13%	>480
Sulfuric Acid 50%	ASTM F739	50%	>480
Toluene	ASTM F739		0
Triclosan	ASTM F739		>480

Xylene	ASTM F739		0
--------	-----------	--	---

**Not recommended - Breakthrough occurs in less than 30 min..
Avoid use of the glove with this chemical.**

**Caution - Breakthrough occurs in 30 to 59 min.. This glove is suitable
for this chemical under careful control of its use.**

**Recommended - Breakthrough occurs at 60 min. or after. This glove
is well suited for application with this chemical.**

7.2015