

3434

CHEMICAL GUARDIAN

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Ansell **GUARDIAN**[®]
Global Safety Services



Legend

Permeation Breakthrough Times (min)		
<10	Not Recommended	
10-30	Splash Protection	
30-60	Splash Protection	
60-120	Medium Protection	
120-240	Medium Protection	
240-480	Good Protection	
>480	Good Protection	

Permeation breakthrough times evaluate the time necessary for a chemical to pass through a glove material.

Disclaimer

Recommendations are based on extrapolations from laboratory test results and information regarding the composition of chemicals and may not adequately represent specific conditions of end use. Synergistic effects of mixing chemicals have not been accounted for. For these reasons, and because Ansell has no detailed knowledge of or control over the conditions of end use, any recommendation must be advisory only and Ansell fully disclaims any liability including warranties related to any statement contained herein.

Permeation Breakthrough Times

The permeation breakthrough times present in this chart were evaluated according to the EN374 standard.

Material				Butyl	LLDPE	Neoprene	Neoprene	Nitrile	Nitrile	Nitrile/Neopr ene	PVA	PVC	Viton Butyl
Thickness (mm)				0.35	0.062	0.13	N.A.	0.12	0.38	0.19	N.A.	N.A.	0.7
Product Name / Style				ChemTek	Barrier	NeoTouch	Scorpio	TouchNTuff	Solvex	Microflex	PVA	Snorkel	ChemTek
Type	CAS	Chemical name	%	38-514	02-100	25-101.201	08-352.354	92- 500.600.605 / 93- 250.300.700	37-675.676	93-260	15-554	04-414	38-628
mix		A Solution		>480'	>480'	120-240'	>480'	30-60'	240-480'	120-240'	<10'	>480'	>480'