



CHEMICAL GLOVE SELECTION. SIMPLIFIED.

ANSELL CHEMICAL GUARDIAN™ SIMPLIFIES the chemical glove selection process for your unique set of chemicals.

Ansell Chemical Guardian evaluates resistance of glove materials with your chemicals to offer a personalized glove assessment with expected permeation times.

BENEFITS:

Enhanced chemical protection, performance and compliance.

HOW DOES ANSELL CHEMICAL GUARDIAN™ WORK?

MATERIAL SAFETY DATA SHEET (MSDS)

CAS	CHEMICAL NAME	%
100-21-0	TEREPHTHALIC ACID	100
108-31-6	MALEIC ANHYDRIDE	100
100-82-7	CYCLOHEXANE	100

ASSESSMENT



Takes your Material Safety Data Sheet (MSDS) information to provide right glove selection to protect your workers from harmful chemicals.

- ✓ Solution for both single and chemical mixes
- ✓ Offers both disposable and chemical glove recommendation
- ✓ Commercial and Technical Documentation

Personalized chemical glove **RECOMMENDATION** everytime

- **ANSELL CHEMICAL GUARDIAN™** database contains over **4,500 single chemicals** and **1,000 mixed chemicals**
- Over the last year our Ansell Technical Experts have created over **5,000 Chemical Guardian assessments**

	Matches glove materials with your chemicals				Requires MSDS data to complete form			Offers both disposable and chemical glove recommendation			
Barrier Material	Butyl	LLDPE	Neoprene	Neoprene	Neoprene	Nitrile	Nitrile	Nitrile	Nitrile	PVA	PVA
Product Type	Un-supported	Un-supported	Supported	Supported	Disposable	Supported	Un-supported	Un-supported	Disposable	Supported	Supported
Chem. Resistance	High	High	High	High	Low	High	High	High	Low	High	High
Product Name	ChemTek™	Barrier*	Scorpio*	Scorpio*	NeoTouch™	AlphaTec*	Solvex*	Solvex*	TouchNTuff*	PVA™	PVA™
Product Style	38-514	02-100	08-352.354	09-430.922.924.928	25-101.201	58-530.535	37-675.676	37-900	92-500.600.605/93-250.300.700	15-554	15-554
Thickness (mm)	0.35	0.062	N.A.	N.A.	0.13	N.A.	0.38	0.425	0.12	N.A.	N.A.

Type	CAS	Chemical Name	%											
sgl	100-21-0	Terephthalic acid	100	>480'	>480'	>480'	>480'	>480'	>480'	>480'	>480'	>480'		
sgl	100-41-4	Ethylbenzene	100	<10'	>480'	<10'	<10'	<10'	23'	10-30'	10-30'	<10'	>480'	>480'
sgl	107-66-4	dibutyl phosphate	100	>480'	>480'	<10'	<10'	<10'	10-30'	10-30'	10-30'	<10'	>480'	>480'
sgl	108-31-6	Maleic anhydride	100	>480'	>480'	>480'	>480'	>480'	>480'	>480'	>480'	>480'	>480'	>480'
sgl	110-82-7	Cyclohexane	100	<10'	>480'	60-120'	30-60'	<5'	60-120'	60-120'	60-120'	>480'	>480'	>480'
sgl	141-43-5	Ethanolamine	100	>480'	>480'	>480'	>480'	>480'	30-60'	30-60'	30-60'	>480'	240-480'	240-480'

Easy to understand report

Estimated permeation times included

PERMEATION BREAKTHROUGH TIMES ACCORDING TO EN374 (MINUTES)						
0	1	2	3	4	5	6
< 10	10-30	30-60	60-120	120-240	240-480	>480
Not Recommended	Splash Protection		Medium Protect		High Protect	

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.