



**PROTECTIVE INDUSTRIAL PRODUCTS**

# 52-3670 Specification Sheet

## UNSUPPORTED NEOPRENE GLOVES

### PRODUCT DESCRIPTION:

28 mil., blue neoprene over yellow latex, double dipped, flock lined, raised diamond grip, 12 inches, pair packed.

- Neoprene gloves provide superior protection from a wide range of chemicals such as acids, caustics, solvents and oils;
- Raised diamond grip;
- Flock lined;
- Double dipped style provides versatile chemical resistance properties of neoprene and the comfort of latex.

### Applications:

Ideal for use in the petrochemical industry, janitorial and general maintenance and photo finishing.

### TECHNICAL DATA:

**Material:** Neoprene, natural rubber latex

**Color:** Blue & yellow

**Cuff Style:** Straight cuff

**Available Sizes:** S - XXL

**Packaging:** 12 per dozen; 12 dozen per case

**Case Dimensions (cm):** 47 x 36 x 33 / (in): 18.5 x 14.2 x 13.0

**Case Weight:** (S) 32.0 lbs / 14.5 kg (XL) 38.1 lbs / 17.3 kg  
(M) 35.3 lbs / 16.0 kg (XXL) 39.7 lbs / 18.0 kg  
(L) 36.0 lbs / 16.3 kg

**Manufacturer Certifications:** ISO 9001: 2000

**Country of Origin/Harmonization Code:** Malaysia/4015.19.1050

### PERFORMANCE PROPERTIES:

EN388: 4121

Abrasion = 4; Cut = 1; Tear = 2; Puncture = 1

### Elongation Information:

Before Aging		After Accelerated Aging	
Tensile Strength (minimum)	Elongation (minimum)	Tensile Strength (minimum)	Elongation (minimum)
(Mpa)	%	(Mpa)	%
15	600	10	500

### BARCODE # DISPENSER BOX CASE

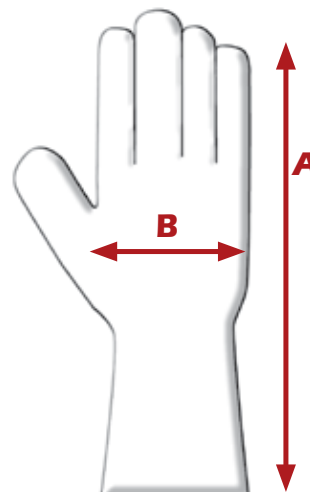
52-3670/XXL	01616314005527	02616314005527
52-3670/XL	01616314005510	02616314005510
52-3670/L	01616314005503	02616314005503
52-3670/M	01616314005497	02616314005497
52-3670/S	01616314005480	02616314005480



### DIMENSIONS:

Size Available	S	M	L	XL	XXL
Over Length (cm) $\pm 0.1$ cm -A (in)	32.0 12.6	32.0 12.6	32.0 12.6	32.0 12.6	32.0 12.6
Palm Width (cm) $\pm 0.1$ cm -B (in)	10.0 3.9	10.9 4.3	11.2 4.4	11.6 4.6	12.0 4.7

Palm Thickness	0.70 mm
Cuff Thickness	0.63 mm
Finger Tip Thickness	0.78 mm



CAUTION: This style contains natural rubber latex which may cause allergic reactions. Safe use by or on latex-sensitive individuals has not been established.  
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## DEGRADATION & PERMEATION TEST DATA

CHEMICAL	HEVEAPRENE		GLOVES		HP-300
	EN 374 Class Index	Avg. BTT/Min	Avg. Max	Detectable Prmt rate / $\mu\text{g} / \text{cm}^2 \cdot \text{Min}$	Avg. Degr. Rate
1. Acetaldehyde, 99%	0	3		>600	F
2. Acetic Acid, 99%	2	55		16	G
3. Acetone, 99%	0	9		42	G
4. Acetonitrile, 99%	1	25		6.2	E
5. Acrylic Acid, 99%	2	44		17	P
6. Ammonium Fluoride, 40%	6	>480		<0.012	E
7. Ammonium Hydroxide, 28%	1	30		+	E
8. Amyl Acetate, 99%	1	13		16*	NR
9. Aniline, 99%	3	61		23*	G
10. Aqua Regia	6	>480		<0.016	E
11. Benzaldehyde, 99%	1	19		15	NR
12. Butyl Acetate, 99%	0	10		31*	NR
13. Butyl Alcohol, 99%	2	48		6	E
14. Butyl Cellosolve, 99%	1	25		1200	G
15. Carbon Disulfide, 99%	0	<3		+	NR
16. Carbon Tetrachloride, 99%	1	12		+	NR
17. Cellosolve Acetate, 99%	1	14		46*	P
18. Cellosolve Solvent, 99%	1	28		36	G
19. Chromic Acid, 50%	1	15		•	NR
20. Citric Acid, 10%	6	>480		<0.012	E
21. Cyclohexanol, 99%	4	146		0.52	E
22. Diacetone Alcohol, 99%	3	84		5.1	E
23. Dibutyl Phthalate, 99%	6	>480		<0.02	G
24. Diisobutyl Ketone, 80%	1	23		135	NR
25. Dimethyl Acetamide, 99%	2	36		72*	G
26. Dimethyl Formamide, 99%	2	40		96	E
27. Dioctyl Phthalate, 99%	6	>480		<0.03	E
28. 1,4 Dioxane, 99%	1	18		93	NR
29. Epichlorohydrin, 99%	1	15		20	F
30. Ethyl Acetate, 99%	0	6		60	NR
31. Ethyl Ether, 99.8%	0	<3		+	NR
32. Ethyl Glycol Ether, 99%	2	32		25	E
33. Formic Acid, 95+%	5	250		0.36	E
34. Furfural, 99%	1	19		17	G

## CHEMICAL RESISTANCE GUIDE

- \_\_\_\_\_ Catastrophic Breakthrough.
- Avg. \_\_\_\_\_ Average.
- BTT \_\_\_\_\_ Breakthrough Time.
- Prmt \_\_\_\_\_ Permeation.
- Degr. \_\_\_\_\_ Degradation.
- EN 374 Class \_\_\_\_\_ European Classification.
- Min \_\_\_\_\_ Minutes.
- \* \_\_\_\_\_ These rates may be artificially lower due to detector saturation.
- + \_\_\_\_\_ No rate available due to detector overload, or beyond range of standard curve.

En 374 Class	Permeation Time (Minutes)
0	<10 min.
1	>10 min.
2	>30 min.
3	>60 min.
4	>120 min.
5	>240 min.
6	>480 min.

### KEY TO DEGRADATION RATING

% Weight Change (Gain)	Degradation Rating
0 to 10	Excellent E
11 to 20	Good G
21 to 30	Fair F
31 to 50, or small loss	Poor P
Above 50	Not Recommended NR

\*NR - Avoid use of the gloves with this chemical

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