



WG-510 OIL

WG-510 Oil is constructed on a 13-gauge nylon and spandex liner, with a double nitrile coating. This double coating allows for excellent oil protection, preventing the oil from permeating inside the glove, as well as providing extra abrasion resistance. WG-510 Oil allows easy hand movement providing excellent coolness and flexibility.

PRODUCT INFORMATION

PROTECTION	All purpose, industrial oils and general handling
MATERIAL	Coating: nitrile double dip, palm fit Liner: 13 gauge/nylon and spandex
COLOUR	Black
PACKAGING	12 pairs/polybag; 144 pairs/box
SIZES	7/S, 8/M, 9/L, 10/XL, 11/XXL

COMPLIANCY

EN388:2016



4121X



EVALUATION (RATING 1 TO 10)

Dry grip	1	2	3	4	5	6	7	8		
Wet grip	1	2	3	4						
Oil grip	1	2	3	4	5	6	7	8	9	10
Dexterity	1	2	3	4	5	6				
Breathability	1	2	3	4	5	6				
Comfort	1	2	3	4	5	6				

CERTIFICATION

EN388:2016

MECHANICAL RATING

ACTPS1: 4121X

RECOMMENDATION

OIL AND WET RESISTANCE: Provides a controlled grip in wet and difficult oily applications in non hazardous chemical environments.

ENVIRONMENTS

Automotive, industrial maintenance, part sorting, sorting, fine handling in greasy and oily environments.

DIMENSIONS (Tolerance ± 5%)

SIZE	6/XS	7/S	8/M	9/L	10/XL	11/XXL
Hem colour		Light purple	Red	Grey	Yellow	Black
Overall length (mm)		235	245	255	265	275
Palm width (mm)		82	85	90	95	100
Length of middle finger (mm)		70	72	75	79	83
Thickness (µm)		1250	1250	1250	1250	1250
Weight (g/pair)		40.5	43.6	54.7	56.1	60.8
Liner weight (g/pair)		17.8	19.2	24.1	24.7	26.8
Coating weight (g/pair)		22.7	24.4	30.6	31.4	34.0

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PERFORMANCE LEVEL			0	1	2	3	4	5	X
TEST									
A	Abrasion Resistance	Cycles	< 100	100	500	2000	8000		
C	Coup Cut *	Newton's	< 1.2	1.2	2.5	5.0	10.0	20.0	
		Gram Conv	< 119g	120g-249g	250g-499g	500g-999g	1000g-1999g	> 2000g	
T	Tear Resistance	Newton's	< 10	10	25	50	75		
P	Puncture	Newton's	< 20	20	60	100	150		

			A	B	C	D	E	F	X
S	ISO Cut**	Newton's	2	5	10	15	22	30	
		Gram Conv	204	509	1020	1530	2243	3059	

		P	F	X
I	Impact TEST			

* Weight needed to cut with 1" (25mm) blade travel
 ** A Cut 5 Glove with 2000g force is approximately Level D for ISO cut
 X = not tested or not applicable

WONDER GRIP® TECHNOLOGY

GRIP

Our focus is on developing gloves that are thin and easy to use whilst providing the best grip through the design and material used for each glove. We believe grip strength will improve safety.

The sponge-like coating on each Wonder Grip® glove mimics the suction cup characteristics found on the tentacles of an octopus. our focus on maximising the quality, durability and grip potential of each Wonder Grip® glove design has significantly enhanced performance in dry, wet and oily conditions.



NITRILE

Nitrile has the advantage of being resistant to friction and oil. Wonder Grip® gloves have not only encompassed the advantages of nitrile but also dramatically improved their overall oil grip strength.

Coefficient of Friction

Oil Condition

0.45 General Nitrile Glove

0.61 Wonder Grip® Nitrile Glove

+35%

Wonder Grip® Finish

Nitrile Liner

General Nitrile Glove

General Nitrile glove

Wonder Grip® glove

Test methods based on JIS P 8147:2010 (Rate of extension: 100mm/min, Loading: 1kg)