

# TouchNTuff®

ADVANCED PRODUCT & WORKER PROTECTION

## 93-250

### Disposable Nitrile Glove with ANSELL GRIP TECHNOLOGY™

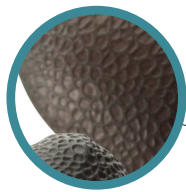
## Confident grip and flexibility in a single use glove



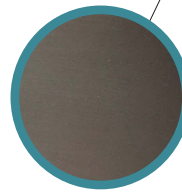
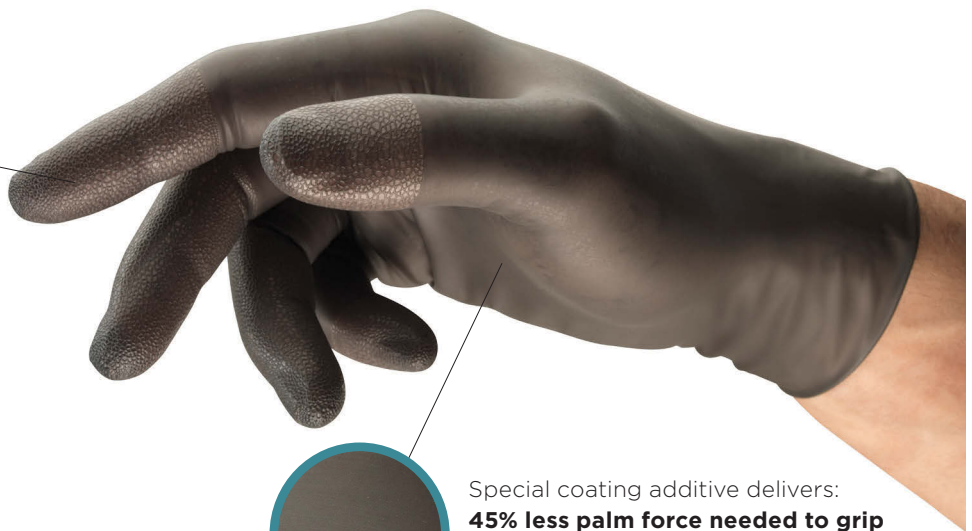
Nitrile



Multi-Purpose



Finger grip provides:  
**5-8 times less force needed to grip wet or dry objects\***



Special coating additive delivers:  
**45% less palm force needed to grip wet objects\***  
**33% less palm force needed to grip dry objects\***

(\*) compared to standard nitrile gloves

### Enhanced Grip

Minimizes the force required to grip dry, wet or oily objects, reducing hand and arm fatigue and improving dexterity, safety and productivity.

### Comfort

Proprietary nitrile formulation provides comfort for long wear periods.

### Strength/Robustness

Offers high tensile strength and 3 times the puncture resistance of latex or PVC disposables.

### Chemical Splash Resistance

Resists a variety of industrial chemicals for longer periods than other nitrile disposable gloves.

### Prevention from Type I Allergy

Contains no natural rubber proteins, therefore protects against Type I skin allergies.

### Silicone Free

No transfer of silicone contaminants to contact surface.

### Touch screen capable glove

### Industries

- Automotive
- Chemical (*Basic, Specialty & Petrochemical*)
- Food Processing & Services
- Janitorial
- Life Sciences (*Pharmaceutical, Biopharmaceutical & Medical Devices*)
- Manufacturing (*Appliances, Raw Materials, etc.*)
- Metal Fabrication (*includes Glass & Non-Metallics*)
- Recycling & Waste Disposal
- Transportation & Warehousing

### Applications

- Compounding, mixing, blending
- Fastening, screwing & unscrewing parts
- Food product handling
- Handling compression press and tablet manufacturing
- Handling of machined parts coated with light oil
- Handling of paint/glue guns & sprayers
- Inspection and tooling precision maintenance
- Lab work, blending, compounding, filling, cleaning
- Maintenance and equipment cleanup
- Picking and assembling wet or dry parts
- Using a V Blender to mix solids and colorants
- Wet chemical, particle & analytical testing

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PRODUCT INFORMATION	
Material	Nitrile
Glove design	Ambidextrous, Powder free, Textured fingers, Enhanced grip throughout palm
Cuff	Beaded cuff
Color	Grey
Audit standards	ISO 9001
Quality control	Compliant with ASTM D 3577, Type II
Packaging	100 gloves per dispensers, 10 dispensers per shipper, 1000 gloves per shipper
Storage	Keep out of direct sunlight; store in a cool and dry place. Keep away from sources of ozone or ignition
Country of origin	Thailand

PHYSICAL PROPERTIES						
Property	Typical values					Testing method
Size	XS 5½ - 6	S 6½ - 7	M 7½ - 8	L 8½ - 9	XL 9½ - 10	ASTM D3767 / EN 420
Length (mm)	240	240	240	240	240	ASTM D3767 / EN 420
Freedom from holes (Inspection level 1)	1.5 AQL					ASTM D5151 / EN 374-2
Palm thickness single wall	(mm: 0.12) / (mils: 4.7)					ASTM D3767 / EN 420
	Before aging		After aging			
Ultimate tensile strength	> 14 Mpa		> 14 Mpa			ASTM D412-06a
Elongation at break (%)	> 500 %		> 400 %			ASTM D412-06a
Force at break (N)	> 6 N		> 6 N			EN 455-2

PALM GRIP RESULTS			
	Average Grip Force/ kgf with 4.5 kg load		
	Dry	Wet	Oil
TouchNTuff 93-250	1.48	1.72	8.68
Standard nitrile glove	1.97	2.48	*

Bar grip force for 93-250 and standard nitrile gloves for dry, wet and oily conditions. Small number implies less force and reduced stress on palm.

\*Standard nitrile gloves can not lift objects in oily applications.

FINGER GRIP RESULTS				
Load weight	Max Pull Down Force		Max Catch Force	
	1.0 kg	1.5 kg	1.0 kg	1.5 kg
<b>Dry Grip</b>				
TouchNTuff 93-250	0,15	0,24	0,16	0,39
Standard nitrile glove	0,72	1,92	1,21	2,70
<b>Wet Grip</b>				
TouchNTuff 93-250	0,17	0,33	0,23	0,54
Standard nitrile glove	1,02	1,8	1,43	3,8

Pull and catch force for 93-250 and standard nitrile glove with 1 and 1.5 kg load for dry and wet conditions. Small number implies less force and reduced stress on fingers.



EN 374



EN 374



CE 0493



**ANSELL GRIP™**  
Ansell Grip Technology™

ORDERING INFORMATION					
Size	XS 5½ - 6	S 6½ - 7	M 7½ - 8	L 8½ - 9	XL 9½ - 10
ORACLE US	119630	118247	118248	118249	118250
ASPEN US	800430	556087	556088	556089	556090

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