



Nitrile

Higher level of protection against harmful exposures

- Ultimate barrier significantly reduces risk of harmful exposures and rips- tears
- 2X more durable than leading brands[#]
- 2X more chemical splash protection than leading brands[†] due to breakthrough polymer bonding technique^{*}
- Highest known standard for barrier quality and consistency (Low 0.40 AQL)[‡]
- Made with TNT[™] Chemical Splash Resistance Technology, for soft durable protection against a wide range of chemicals



Industries

- Automotive
- Auto aftermarket
- Chemical
- Food processing
- Life sciences
- Machinery & equipment
- Maintenance
- Manufacturing
- Recycling & waste disposal
- Transportation

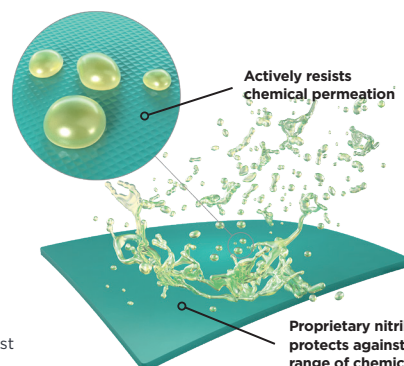
Applications

- Blending, compounding materials
- Cleaning of equipment, tables and floors
- Filtration processes
- Laboratory analysis
- Light assembly tasks
- Light chemical handling
- Light duty maintenance
- Paint shop
- Pharmaceutical manufacturing
- Sample taking
- Transfer of liquids & solids



TNT[™]

Chemical Splash
Resistance Technology



^{*} Patent pending polymer bonding technique. [†] Based on EN 374 and ASTM F739 chemical permeation test data, when compared to performance of disposable nitrile gloves of a similar weight. Visit www.Ansell.com/Microflex93-850chemtest to view chemical permeation test data. [#] Based on Ansell durability pull test data, when compared to performance of disposable nitrile gloves of similar thickness. [‡] Microflex 93-850 0.40 AQL is lower than the AQL of other known industrial and medical grade disposable gloves.

TECHNICAL DATA SHEET

PRODUCT INFORMATION

Product	93-850
Material	Nitrile
Color	Green/Teal
Glove Design	Ambidextrous, Powder-Free, Chlorinated, Textured Fingers
Cuff	Beaded Cuff
Manufacturing/ QMS Audit Standards	ISO 9001
Regulatory/Standards Compliance	EN420, EN ISO 374/TYPE B JKOPT, EN ISO 374-5 VIRUS, EN421 Nuclear Certification, ASTM D6319, FDA 21 CFR 177-2600, Compliant with U.S. Food Contact and EU Food Migration Regulations, REACH compliant
Standard Packaging	100 gloves per dispenser, 10 dispensers per shipper carton, 1000 gloves per shipper carton. XXL: 90 gloves per dispenser, 900 gloves per shipper carton.
Storage	Keep out of direct sunlight; store in a cool and dry place. Keep away from sources of ozone or ignition.
Country of Origin	Malaysia
User Needs Segment	Robust Glove - Gloves that provide added strength, durability and chemical splash protection for longer wear times.

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUES						TESTING METHOD
SIZE	XS 5.5 - 6.0	S 6.5 - 7.0	M 7.5 - 8.0	L 8.5 - 9.0	XL 9.5 - 10.0	XXL 10.5 - 11.0	ASTM D3767/EN 420
Length (mm / in)	240 / 9.5	240 / 9.5	240 / 9.5	240 / 9.5	240 / 9.5	240 / 9.5	
Average Palm Width (mm / in)	78 / 3.07	89 / 3.50	100 / 3.94	111 / 4.37	115 / 4.53	124 / 4.88	
Freedom from Holes (Inspection level I)	0.40 AQL						ASTM D5151/EN 374-2
Palm Thickness Single Wall	(mm: 0.12) / (mils: 4.7)						ASTM D3767/EN 420
Finger Thickness Single Wall	(mm: 0.19) / (mils: 7.5)						ASTM D3767/EN 420
	BEFORE AGING			AFTER AGING			
Ultimate Tensile Strength	27 Mpa			27 Mpa			ASTM D 412-06a
Elongation at Break (%)	620			550			ASTM D 412-06a
Force at break (N)	12			12			EN 455-2

ORDERING INFORMATION

SIZE		XS 5.5 - 6.0	S 6.5 - 7.0	M 7.5 - 8.0	L 8.5 - 9.0	XL 9.5 - 10.0	XXL 10.5 - 11.0
MICROFLEX® 93-850	Airgas Ordering No.	MCR93-850-XS	MCR93-850-S	MCR93-850-M	MCR93-850-L	MCR93-850-XL	MCR93-850-XXL
	Manufacturer Cat. No.	93850060	93850070	93850080	93850090	938500100	938500110

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*Warning: No glove provides complete protection against all chemicals. Users must test the gloves against the particular chemicals and environment in which they will be used.

Technology



Performance Standards

