Orange Gripper® Nitrile 7 Mil Glove's Technical Manifest

Slip Protection in Wet Conditions with Orange Gripper®

The Ultimate Hand Protection
Machine with US Design
Patent No.29/545/656
(Patent Pending) and
EU Community Design
Registration No.002861229

Surfactants Mitigated Glove



No Antigenic Protein (Latex Free)

Produced with 100% High Grade Nitrile and Contains no Filler - Powder Free

US FDA 21 CFR & EN 1186

Wear Resistant Ultra strong

Powder Residue≤2 mgper glove ↓



Wear

Orange Gripper®

Manufactured by IGCL at Thailand

Occupational Fatigue Management system

Tread RibZigzag Finish

Compare





Rolled Beaded

Ambidextrous (Non-sterile)

240±5 mm

Gripper's Guaranteed Quality

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	Quality	Inspection	AQL &	Applicable	
С	haracteristic	Level	Acceptance	Standard	
	Barrier nconformities itical Defects)	G-I	AQL 1.5	ASTM D 5151 & EN 455	
No	Major Visual nconformities Iajor Defects)	G-I	AQL 2.5	ISO 11193-1	
	sical Properties Related nconformities	S-II	AQL 4.0	ASTM D 6319 & EN 455	
Ave	erage Residual	ASTM D 6124	≤2 mg per	ASTM D6319	
P	owder Mass	Test Method	glove	& EN 455	

Size= Small to Double Extra Large

Donning & Doffing aided with Improvised Shank and Finger dimensions -

Packed in Dispenser Boxes=
100±2 x 10 Box per master carton
(Customization available)

Gripper's Friction Modulation Design

Gripper's Friction Modulation Design Protects you form Slip Incidences in Wet & Oily working conditions:

Tread Rib Wet Protection

Gripper's Zig Zag treads facilitate quick expulsion of any retained fluid between the Object and the Gripping Hand thus yielding high holding friction that is required to maintain the strong siege in wet & Oily conditions. The Raised Tread Ribs with 0.5 mm high Collar and 0.5 mm collar Shoulder generate extra holding surface contact for throttled grip.

Tread Rib Thick Protection

Gripper's Extra Thick Tread Ribs tender a deep Protection and cushion against pressure & impact in strong hold grip situation.

Thickness at	Thickness at	Thickness at	Thickness at
Finger Tip	Palm	Finger Tip	Cuff
Textured	Textured	Smooth	Smooth
11 Mil	8 Mil	7 Mil	5 Mil





Gripper Comfort Protection

The Gripper's Physical specs have been technically improvised for utmost donning comfort even during extended and strenuous applications. The designed dimensions allow extra flexibility for Fingers and Thumb movement while retaining the Tactile sensitivity. The design by default resources 360° annular movement for Thumb and extra stretchability for fingers. The Gripper's Extra Wide Palm Dimensions in mm are:

Small	Medium	Large	Extra	Double Extra
			Large	Large
85±5	95±5	105±5	115±5	120±3







Gripper - The Grip Power House

The Gripper's inclined Zigzag Tread Ribs shear & strain management design proportionately diffuses load in vertical & horizontal components thus enabling longevity and fatigue manipulation.

The raised ribs yield exceptional physical strength:

The raided had yield exceptional physical differential.					
	Physical	Tensile	Force at	Ultimate	

 Attribute
 Strength – MPA (ASTM D6319 & D412)
 Break – N Elongation – % (ASTM D6319 & D412)

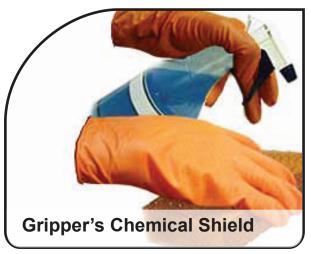
 Before Aging
 25±3 MPA
 9±3 N
 550±50%

After Aging 25±3 MPA 9±3 N 450±50% 7 Days @ 70°C

Gripper's High Vis Protection

The Orange Gripper's High Vis attribute makes it a Perfect PPE. The bright Orange color bargain uniquely distinguishes it even in the low visibility environment thus effectively managing the propensity of incidences. The Vibrant Orange color further makes it internationally acceptable in the outdoor activities as well including road safety and on road applications requiring elaborate visibility.





Gripper's Permeation Resistance

The Extra Thick Gripper Shield at Fingers and Palm provides impregnable protection against Penetration (EN-374-2 & EN 455-1) and Permeation against Low Chemicals (EN-374-3).

The Strength of the Gripper with it's optimized Finger and Palm Thickness makes it the most favourite option for Automobile, Industrial, Janitorial Agriculture and other general applications.

Gripper - The Oil & Grease Buddy

The Orange Gripper is produced by employing the state of art technology with best grade raw material. The rich blend of technology & material makes it extremely suitable for the use with Oil, Grease, Coolants and Lubricants. The Tread Ribs Zig Zag design further warrants the slip proof grip by employing high operating friction even in slippery hold, while the Thick blanket of nitrile with high freedom from holes prevents fluid permeation.



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