

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

US FDA 21 CFR & EN 1186

● Wear Resistant Ultra strong

● Powder Residue ≤ 2 mg
per glove

● Tread Rib
Zigzag Finish

● Occupational Fatigue
Management system



Orange Gripper®
Manufactured by IGCL at Thailand



Rolled Beaded
Ambidextrous (Non-sterile)
240±5 mm

Adhere

Compare



Gripper's Guaranteed Quality

Quality Characteristic	Inspection Level	AQL & Acceptance	Applicable Standard
Barrier Nonconformities (Critical Defects)	G-I	AQL 1.5	ASTM D 5151 & EN 455
Major Visual Nonconformities (Major Defects)	G-I	AQL 2.5	ISO 11193-1
Physical Properties Related Nonconformities	S-II	AQL 4.0	ASTM D 6319 & EN 455
Average Residual Powder Mass	ASTM D 6124 Test Method	≤ 2 mg per glove	ASTM D6319 & 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)



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 Finger Tip Textured	Thickness at Palm Textured	Thickness at Finger Tip Smooth	Thickness at Cuff 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 Large	Double Extra 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:

Physical Attribute	Tensile Strength –MPA (ASTM D6319 & D412)	Force at Break – N EN-455-2	Ultimate Elongation – % (ASTM D6319 & D412)
Before Aging	25±3 MPA	9±3 N	550±50%
After Aging 7 Days @ 70°C	25±3 MPA	9±3 N	450±50%

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 Visible Incidence Management



Gripper's Chemical Shield

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.



Gripper's Automotive Advantage