

TOWa

DESIGN AND PERFORMANCE THAT WORK

GLOVE CATALOGUE



TOWA

About Towa Corporation

Since its establishment in 1947, Towa Corporation has been an innovative creator of both household and industrial gloves. Towa, known as a natural rubber dipping expert, has been introducing a variety of high standard gloves for many industries, including automotive, construction, fishing, farming, shipping & handling, and etc. The quality of Towa gloves was soon recognized widely in Japan, and its reputation has spread to other parts of the globe. Since then, Towa gloves are sold in over thirty countries in five continents. It is the challenge that Towa maintains its commitment in creating high quality gloves for a variety of industries.

Company Policy

Quality Control

Towa Corporation believes that a high quality control system creates a good relationship with its customers. Committing itself to high quality control, Towa Corporation became the first Japanese glove manufacturer obtaining ISO 9002: 1994 in January 1999 and obtained ISO 9001: 2000 in February 2002 for its quality control. Towa's overseas factory in Shanghai also maintains ISO 9001 for its quality control assurance.

Ergonomics

Towa believes the most important stage of manufacturing gloves is creating formers, and Towa sets it as a first priority when developing new products. Towa has personnel specializing the shapes of human hands for making better formers. The extensive experiences in the research and development make it possible to create ergonomic formers for a variety of gloves. Towa believes that offering ergonomically designed gloves to fit human hands is what differentiates Towa from other glove manufacturers who provide similar gloves without the concept of human hands.

Environment

Recycling: Towa Corporation believes its responsibility to global concerns in two areas: reducing the consumption of the natural resources and preserving the environment. As the first movement for such commitment, Towa Corporation has started recycling business in 2000, transforming used gloves to a variety of products, including pallets, packing crate, gardening products, and others.

Towa Corporation with its Global Network



Company name

Towa Corporation

Headquarters

Kurume City, Fukuoka, Japan

Branch offices [Japan]

Sapporo / Tokyo,
Osaka / Fukuoka

Factories

Saga, Japan
Shanghai, China
Penang, Malaysia
Pabna, Bangladesh

MICROFINISH®

ULTIMATE COATING TECHNOLOGY PROMISES UNPARALLELED GRIP PERFORMANCE FOR THE DRY, WET, AND OILY MATERIAL SURFACES.



MicroFinish®

ABOUT MICROFINISH®

For a long time researching and developing the products that offer safety, comfort, and most importantly grip, Towa Corporation has finally found a solution. The new coating technology with a unique glove surfacing process is designed to create a maximum bond, with minimum effort, under a wide variety of wet and oily conditions. Most gloves used for slippery applications have a stiff compound and rough surface coating, which is utilized in only a very small percentage of the grip's surface area.

The MicroFinish® technology actually takes an opposite approach. Its remarkable grip performance is created by using a soft and flexible compound filled with thousands of microscopic pockets. As these pockets come into contact with a surface, they create a vacuum that disperses fluids and allows the entire grip surface to make clean contact with the object.

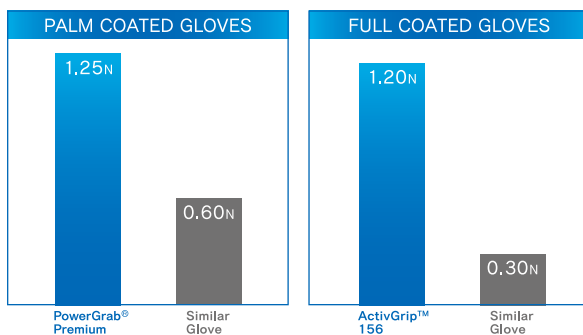
Coated with latex and nitrile, MicroFinish® is available in ActivGrip™ series as well as PowerGrab® series. Towa Corporation has committed to introducing new gloves, incorporated with MicroFinish® coating technology. MicroFinish® will soon be a new standard for virtually all gloves that require a high level of grip performance.

FEEL THE DIFFERENCE WITH MICROFINISH®

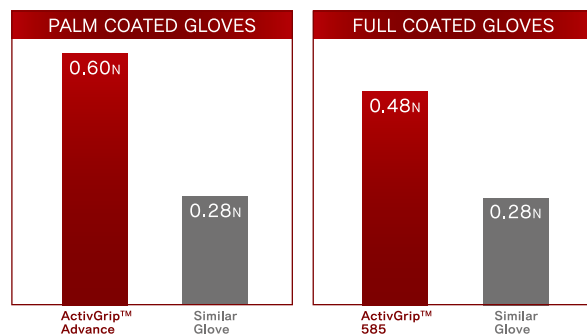
Below are some comparison charts of MicroFinish® gloves with other major gloves, tested under both dry and oily conditions. The results show how MicroFinish® models are advanced against similar gloves in the market.

COEFFICIENT OF FRICTION

Latex [NR] under Dry Condition against Cardboard



Nitrile [NBR] under Oily Condition



ACTIVGRIP™

Outstanding grip performance available with MicroFinish® Technology



Nitrile Coating

ActivGrip™ CJ-568

DESCRIPTION
ActivGrip™ CJ-568 is taking Towa's already impressive line of premium industrial gloves a step further into the future. The CJ-568 is specifically designed to provide maximum "all-around" performance on slippery-grip applications in non-hazardous chemical environments.

The 13-gauge seamless wooly nylon liner and "finger coated style" provide an excellent flexibility and oil resistance, minimizing hand fatigue, thus increasing productivity. A soft yet durable nitrile coating technology "MicroFinish®" adheres to virtually any dry or slippery surface.

FEATURES

Covered Fingers

"Finger coated style" provides more safety to all fingers as well as more protection from soil, dirt and oil penetration.

Oil Resistant and less penetration

Unlike similar gloves available in the market, ActivGrip™ CJ-568 offers more protection against oil penetration into not only the palm but fingers. Double coated surface keeps hands clean for oily material handling.

Grip Performance

With MicroFinish® technology, a soft yet durable Nitrile coating promises its performance under dry, wet and oily conditions.

Comfort

A 13-gauge seamless nylon liner and ergonomic design assure maximum comfort and minimum hand fatigue.

PRODUCT

- Material Nitrile
- Liner 13G Nylon | Purple
- Color Blue & Black
- Size & Hem Color

6/XS	7/S	8/M
9/L	10/XL	11/XXL



U.S. Pat No. 8,387,167
EP Pat Appl. No. 8722913.4

TECHNICAL

EN388	
Abrasion	0 1 2 3 4
Cut	0 1 2 3 4 5
Tear	0 1 2 3 4
Puncture	0 1 2 3 4



NEW



ActivGrip™ Advance

DESCRIPTION

ActivGrip™ Advance is specifically designed to provide maximum "all-around" performance on slippery-grip applications in non-hazardous chemical environments. The 13-gauge seamless wooly nylon liner and "open back style" provide an excellent coolness and flexibility, minimizing hand fatigue, thus increasing productivity. A soft yet durable nitrile coating technology "MicroFinish®" adheres to virtually any dry or slippery surface.

FEATURES

Oil Resistant

Unlike similar gloves available in the market, ActivGrip™ Advance offers more promising protection against oil penetration. Double coated surface keeps hands clean for oily material handling.

Confidence

With MicroFinish technology, the Advance promises its performance under dry, wet and oily conditions.

Comfort

A 13-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue

PRODUCT

- Material Nitrile
- Liner 13G Nylon | Purple
- Color Black
- Size & Hem Color 6/XS 7/S 8/M 9/L 10/XL 11/XXL

TECHNICAL

EN388					
Abrasion	0	1	2	3	4
Cut	0	1	2	3	4
Tear	0	1	2	3	4
Puncture	0	1	2	3	4



U.S. Pat No. 8,387,167
U.S. Pat No. 8,302,215
EP Pat Appl. No. 8722913.4
EP Pat Appl. No. 9711034

ActivGrip™ Advance KEV

DESCRIPTION

ActivGrip™ Advance KEV combines Kevlar® fiber with Towa's MicroFinish® technology, delivering outstanding cut resistance and excellent grip performance. The 13-gauge seamless Kevlar® liner and "open back style" keeps hands cool while delivering excellent flexibility to minimize hand fatigue and thereby increase productivity. Towa is well-known for the performance of its product ActivGrip™ Advance, and the soft yet durable nitrile MicroFinish® coating of ActivGrip™ Advance KEV means that the gloves can be used on virtually any dry or slippery surface.

FEATURES

Cut resistance

ActivGrip™ Advance KEV together with Kevlar®, a choice for bullet resistant vest, offers the high assurance of cut resistant protection.

Oil Resistant

Unlike similar gloves available in the market, ActivGrip™ Advance KEV offers more promising protection against oil penetration. Double coated surface keeps hands clean for oily material handling.

Confidence

With MicroFinish® technology, the Advance KEV promises its performance under dry, wet and oily conditions.

Comfort

A 13-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

PRODUCT

- Material Nitrile
- Liner 13G Kevlar® | Yellow
- Color Black
- Size & Hem Color 7/S 8/M 9/L 10/XL 11/XXL



U.S. Pat No. 8,387,167
U.S. Pat No. 8,302,215
EP Pat Appl. No. 8722913.4
EP Pat Appl. No. 9711034

TECHNICAL

EN388					
Abrasion	0	1	2	3	4
Cut	0	1	2	3	4
Tear	0	1	2	3	4
Puncture	0	1	2	3	4



ASTM F1790-97
736(g)
Cut Level 2



NEW

ActivGrip™ 524

DESCRIPTION

ActivGrip™ 524 is specifically designed to provide more safety and durability by using 10-gauge liner and fully coated thumb. A soft yet durable nitrile coating technology "MicroFinish®" adheres to virtually any dry or slippery surface.

FEATURES

Oil Resistant

Unlike similar gloves available in the market, ActivGrip™ 524 offers more promising protection against oil penetration. Double coated surface keeps hands clean for oily material handling.

Grip Performance

With MicroFinish® technology, a soft yet durable Nitrile coating promises its performance under dry, wet and oily conditions.

Safety

A 10-gauge seamless liner offers an excellent strength and durability. Extra coating of thumb area assures the most important aspect, safety.

PRODUCT

- Material Nitrile
- Liner 10G Polyester/Cotton | Gray
- Color Black
- Size & Hem Color 7/S 8/M 9/L 10/XL 11/XXL

TECHNICAL

EN388					
Abrasion	0	1	2	3	4
Cut	0	1	2	3	4
Tear	0	1	2	3	4
Puncture	0	1	2	3	4



U.S. Pat No. 8,387,167
U.S. Pat No. 8,302,215
EP Pat Appl. No. 8722913.4
EP Pat Appl. No. 9711034

Nitrile Coating



ActivGrip™ 503

DESCRIPTION

ActivGrip™ 503 is specifically designed for the working environment where 360° hand protection from mechanical hazard is required. A combination of a 13-gauge seamless liner and a nylon jersey cuff enable the glove to fit perfectly wearer's hands, increasing productivity. A soft yet durable nitrile coating technology "MicroFinish®" adheres to virtually any dry or slippery surface.

FEATURES

Oil Resistant

ActivGrip™ 503 offers more promising protection against oil exposure on both palm and back of the hand. Double coated surface keeps hands clean for oily material handling.

Confidence

With MicroFinish® technology, ActivGrip™ 503 promises its performance under dry, wet and oily conditions.

Comfort

A 13-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue

PRODUCT

- Material Nitrile
- Liner 13G Poly/Cotton&Nylon | Purple
- Color Gray
- Size & 7/S 8/M
- Hem Color 9/L 10/XL



TECHNICAL

EN388	
Abrasion	0 1 2 3 4
Cut	0 1 2 3 4 5
Tear	0 1 2 3 4
Puncture	0 1 2 3 4



ActivGrip™ 585/586

DESCRIPTION

ActivGrip™ 585/586 are specifically designed for the working environment where 360° hand protection from mechanical hazard is required. A 15-gauge seamless liner offers excellent flexibility and dexterity, thus increasing productivity. A soft yet durable nitrile coating technology "MicroFinish®" adheres to virtually any dry or slippery surface.

FEATURES

Oil Resistant

Unlike similar gloves available in the market, ActivGrip™ 585/586 offer more promising protection against oil penetration. Double coated surface keeps hands clean for oily material handling.

Grip Performance

With MicroFinish® technology, a soft yet durable nitrile coating promises its performance under dry, wet, and oily conditions

Comfort

A 15-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

PRODUCT

- Material Nitrile
- Size 7/S-10/XL
- Liner 15G Poly/Cotton
- Length AG585:10inch(26cm) AG586:12inch(30cm)
- Color Gray



TECHNICAL

EN388	
Abrasion	0 1 2 3 4
Cut	0 1 2 3 4 5
Tear	0 1 2 3 4
Puncture	0 1 2 3 4



AG586



AG566

ActivGrip™ 565/566

DESCRIPTION

ActivGrip™ 565/566 are specifically designed for the working environment where 360° hand protection from mechanical hazard is required. A 13-gauge seamless liner offers not only flexibility but durability, thus increasing productivity and safety. A soft yet durable nitrile coating technology "MicroFinish®" adheres to virtually any dry or slippery surface.

FEATURES

Oil Resistant

Unlike similar gloves available in the market, ActivGrip™ 565/566 offer more promising protection against oil penetration. Double coated surface keeps hands clean for oily material handling.

Grip Performance

With MicroFinish® technology, a soft yet durable nitrile coating promises its performance under dry, wet and oily conditions

Comfort

A 13-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

AG567

is available with heat-sealed PVC sleeves, reinforced to prevent tears and punctures. The 60cm overall length provides arm protection in the harsh, non-chemical environment.

PRODUCT

- Material Nitrile
- Size 7/S-10/XL
- Liner 13G Poly/Cotton
- Length AG565:10inch(26cm) AG566:12inch(30cm)
- Color Green



AG567:24inch(60cm)

TECHNICAL

EN388	
Abrasion	0 1 2 3 4
Cut	0 1 2 3 4 5
Tear	0 1 2 3 4
Puncture	0 1 2 3 4



Latex Coating

ActivGrip™ XA-324/325

DESCRIPTION

ActivGrip™ XA-324/325 are taking Towa's already impressive line of premium industrial gloves a step further into the future. The XA-324/325 are specifically designed to provide maximum "all-around" performance on slippery-grip applications in non-hazardous chemical environments. The 13-gauge seamless wooly nylon liner and "finger coated style" provide an excellent flexibility, minimizing hand fatigue, thus increasing productivity. A soft yet durable latex coating technology "MicroFinish®" adheres to virtually any dry or slippery surface.

FEATURES

Covered Fingers
"Finger coated style" provides more safety to all fingers as well as more protection from soil, dirt and water penetration.

Water Resistant and less penetration
Unlike similar gloves available in the market, ActivGrip™ XA-324/325 offer more protection against water penetration into not only the palm but fingers. Double coated surface keeps hands clean from water penetration.

Grip Performance
With MicroFinish® technology, a soft yet durable latex coating promises its performance under dry and wet conditions.

Comfort
A 13-gauge seamless nylon liner and ergonomic design assure maximum comfort and minimum hand fatigue.

PRODUCT

- Material Latex
- Liner 13G Nylon | Black/Orange
- Color White & Blue
- Size & Hem Color ■ 6/XS ■ 7/S ■ 8/M ■ 9/L ■ 10/XL ■ 11/XXL



TECHNICAL

EN388					
Abrasion	0	1	2	3	4
Cut	0	1	2	3	4
Tear	0	1	2	3	4
Puncture	0	1	2	3	4



ActivGrip™ Advance Lite

DESCRIPTION

ActivGrip™ Advance Lite is specifically designed to provide maximum "all-around" performance on slippery-grip applications in non-hazardous chemical environments. The 13-gauge seamless wooly polyester liner and "open back style" provide an excellent coolness and flexibility, minimizing hand fatigue and increasing productivity. A soft yet durable latex coating technology "MicroFinish®" adheres to virtually any dry or slippery surface.

FEATURES

Ultimate Comfort
A 13-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

Confidence
MicroFinish® technology promises its grip performance with comfort, flexibility, and dexterity without sacrificing durability.

Workability
Supreme grip and limited water penetration enable wearers to work effectively.

PRODUCT

- Material Latex
- Liner 13G Polyester | Yellow
- Color Blue
- Size & Hem Color ■ 6/XS ■ 7/S ■ 8/M ■ 9/L ■ 10/XL ■ 11/XXL



TECHNICAL

EN388					
Abrasion	0	1	2	3	4
Cut	0	1	2	3	4
Tear	0	1	2	3	4
Puncture	0	1	2	3	4



POWERGRAB®

The new standard in
general purpose protection
Super Grip, Strength and Durability



Latex Coating



PowerGrab® Premium

DESCRIPTION

Fully coated thumb area offers more protection. Unlike similar gloves in the market that leave the top of the thumb uncoated and unprotected, PowerGrab® series fully coat the thumb, protecting the vulnerable area while offering an excellent grip performance.

FEATURES

Leaching

Proteins, chemical substances, and odor are leached from PowerGrab® series to minimize allergic reactions.

Safety

Extra coating of thumb area assures the most important aspect, safety.

Grip Performance

Revolutionary MicroFinish® promises outstanding wet and dry handling.

Comfort

A 10-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

PRODUCT

- Material Latex
- Liner 10G Poly/Cotton | Brown
- Color Brown
- Size & Hem Color ■ 6/XS ■ 7/S ■ 8/M ■ 9/L ■ 10/XL ■ 11/XXL

TECHNICAL

EN388					
Abrasion	0	1	2	3	4
Cut	0	1	2	3	4
Tear	0	1	2	3	4
Puncture	0	1	2	3	4



MicroFinish®

PowerGrab® Plus (Yellow / Gray)

DESCRIPTION

Already well recognized Microfinish® technology makes it possible to promise the outstanding grip performance. Just like other PowerGrab® series, the thumb of PowerGrab® Plus is fully coated for protecting the vulnerable area.

FEATURES

Leaching

Proteins, chemical substances, and odor are leached from PowerGrab® series to minimize allergic reactions.

Safety

Extra coating of thumb area assures the most important aspect, safety.

Grip Performance

Revolutionary MicroFinish® promises outstanding wet and dry handling.

Comfort

A 10-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

PRODUCT

- Material Latex
- Liner 10G Poly/Cotton | Yellow/Gray
- Color Blue
- Size & Hem Color ■ 6/XS ■ 7/S ■ 8/M ■ 9/L ■ 10/XL ■ 11/XXL

TECHNICAL

EN388					
Abrasion	0	1	2	3	4
Cut	0	1	2	3	4
Tear	0	1	2	3	4
Puncture	0	1	2	3	4



MicroFinish®



PowerGrab® KEV4

DESCRIPTION

PowerGrab® KEV4 is a combination of Kevlar® fiber and Microfinish® technology, promising the outstanding cut resistance and excellent grip performance. Just like other PowerGrab® series, the thumb of PowerGrab® KEV4 is fully coated for protecting the vulnerable area.

FEATURES

Leaching

Proteins, chemical substances, and odor are leached from PowerGrab® series to minimize allergic reactions.

Safety

Extra coating of thumb area assures the most important aspect, safety.

Cut resistance

PowerGrab® KEV4 together with Kevlar®, a choice for bullet resistant vest, offers the high assurance of cut resistant protection.

Grip Performance

Revolutionary MicroFinish® promises outstanding wet and dry handling.

Comfort

A 10-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

PRODUCT

- Material Latex
- Liner 10G Kevlar® | Yellow
- Color Blue
- Size & Hem Color ■ 7/S ■ 8/M ■ 9/L ■ 10/XL ■ 11/XXL

TECHNICAL

EN388	Abrasion	0	1	2	3	4
	Cut	0	1	2	3	4 5
	Tear	0	1	2	3	4
	Puncture	0	1	2	3	4



ASTM F1790-97
1203(g)
Cut Level 3

MicroFinish®



NEW

NEW

Katana

Katana MF

MicroFinish®

PowerGrab® Katana PowerGrab® Katana MF

DESCRIPTION

PowerGrab® Katana is specifically designed to provide outstanding cut resistance and excellent grip performance. A combination of Kevlar® fiber and steel fiber promise stable cut resistance. Just like other PowerGrab® series, the thumb of PowerGrab® Katana is fully coated for protecting vulnerable area. Both Crinkle finish and MicroFinish® are available for PowerGrab® Katana.

FEATURES

Cut Resistance

By combining Kevlar® and steel fiber, PowerGrab® Katana offers the highest possible cut resistant protection in CE standard. Unlike other similar gloves using Kevlar® with level 4, PowerGrab® Katana assures level 5 protection.

Safety

Extra coating of thumb area assures the most important aspect, safety.

Grip Performance

Both Crinkle finish and MicroFinish® are available for PowerGrab® Katana.

PRODUCT

- Material Latex
- Liner 10G Kevlar®/Steel fiber | Yellow
- Color Blue
- Size & Hem Color ■ 7/S ■ 8/M ■ 9/L ■ 10/XL ■ 11/XXL

TECHNICAL

PowerGrab® Katana	PowerGrab® Katana MF
EN388	EN388
Abrasion 0 1 2 3 4	Abrasion 0 1 2 3 4
Cut 0 1 2 3 4 5	Cut 0 1 2 3 4 5
Tear 0 1 2 3 4	Tear 0 1 2 3 4
Puncture 0 1 2 3 4	Puncture 0 1 2 3 4



ASTM F1790-97
1892(g)
Cut Level 4



ASTM F1790-97
2180(g)
Cut Level 4

PowerGrab® KEV Thermo

DESCRIPTION

PowerGrab® KEV Thermo is specifically designed to provide extra warmth and cut resistance. Just like other PowerGrab® series, the thumb of PowerGrab® KEV Thermo is fully coated for protecting vulnerable area.

FEATURES

Extra Warmth and Cut Resistance

A 10-gauge napped Kevlar® and Acrylic liner provide an excellent warmth as well as outstanding cut resistance.

Comfort

Unlike similar gloves available in the market, PowerGrab® KEV Thermo offers more protection to water penetration. Double coated surface keeps hands clean for water handling.

Grip Performance

With MicroFinish® technology, a soft Latex coating promises its performance under dry and wet conditions.

PRODUCT

- Material Latex
- Liner 10G Napped Acrylic & Kevlar® | Yellow
- Color Brown
- Size & Hem Color ■ 7/S ■ 8/M ■ 9/L ■ 10/XL ■ 11/XXL

TECHNICAL

EN388	EN511
Abrasion 0 1 2 3 4	Convective cold 0 1 2 3 4
Cut 0 1 2 3 4 5	Contact cold 0 1 2 3 4
Tear 0 1 2 3 4	Permeability by water 0 1
Puncture 0 1 2 3 4	



ASTM F1970-05
1280(g)

MicroFinish®



NEW

For Cold Weather

PowerGrab® Thermo



DESCRIPTION

Long lasted gloves for cold weather are finally available from most trusted PowerGrab® Series. Fully coated thumb area offers more protection. Unlike similar gloves in the market that leave the top of the thumb uncoated and unprotected, PowerGrab® series fully coat the thumb, protecting the vulnerable area while offering an excellent grip performance.

FEATURES

Extra Warmth

Napped Acrylic liner makes it possible to work under cold conditions.

Leaching

Proteins, chemical substances, and odor are leached from PowerGrab® series to minimize allergic reaction.

Safety

Extra coating of thumb area assures the most important aspect, safety.

Grip Performance

Revolutionary MicroFinish® promises outstanding wet and dry handling.

Comfort

A 10-guage seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

PRODUCT

- Material Latex
- Liner 10G Napped Acrylic | Orange/Yellow/Lemon Yellow
- Color Brown
- Size & Hem Color 7/S 8/M 9/L 10/XL 11/XXL

TECHNICAL

EN388	Abrasion 0 1 2 3 4	EN511	Convective cold 0 1 2 3 4
	Cut 0 1 2 3 4 5		Contact cold 0 1 2 3 4
	Tear 0 1 2 3 4		Permeability by water 0 1
	Puncture 0 1 2 3 4		



PowerGrab® Thermo W

DESCRIPTION

PowerGrab® Thermo W is specifically designed to provide extra warmth and excellent grip performance. Just like other PowerGrab® series, the thumb of PowerGrab® Thermo W is fully coated for protecting vulnerable area.

FEATURES

Extra Warmth

"Two layer liner" provides more warmth by keeping warm air between the inner and the outer liner. The two layer liner also offers an excellent flexibility, minimizing hand fatigue, thus increasing productivity.

Comfort

Unlike similar gloves available in the market, PowerGrab® Thermo W offers more protection against water penetration. Double coated surface keeps hands clean for water handling.

Grip Performance

With MicroFinish® technology, a soft Latex coating promises its performance under dry and wet conditions.

PRODUCT

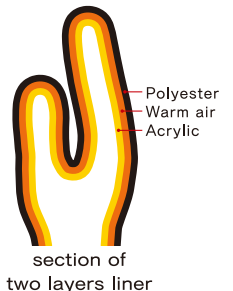
- Material Latex
- Liner Inside 10G Napped Acrylic | Lemon Yellow Outside 13G Polyester | Black
- Color Brown
- Size & Hem Color 7/S 8/M 9/L 10/XL 11/XXL

TECHNICAL

EN388	Abrasion 0 1 2 3 4	EN511	Convective cold 0 1 2 3 4
	Cut 0 1 2 3 4 5		Contact cold 0 1 2 3 4
	Tear 0 1 2 3 4		Permeability by water 0 1
	Puncture 0 1 2 3 4		



EP RCD No. 002134833



PowerGrab® Thermo 3/4

DESCRIPTION

PowerGrab® Thermo 3/4 is specifically designed to provide extra warmth and excellent safety. In addition to fully coated thumb like other PowerGrab® series, all fingers and knuckles are coated for protecting vulnerable area.

FEATURES

Extra Warmth and Safety

The ¾ covered coating offers more warmth as well as more safety to all fingers and knuckles by keeping your hand away from soil, dirt and water penetration.

Comfort

Unlike similar gloves available in the market, PowerGrab® Thermo 3/4 offers more protection against water penetration. Double coated surface keeps hands clean for water handling.

Grip Performance

With MicroFinish® technology, a soft Latex coating promises its performance under dry and wet conditions.

PRODUCT

- Material Latex
- Liner 10G Napped Acrylic/Polyester | Orange/Yellow
- Color Brown
- Size & Hem Color 7/S 8/M 9/L 10/XL 11/XXL

TECHNICAL

EN388	Abrasion 0 1 2 3 4	EN511	Convective cold 0 1 2 3 4
	Cut 0 1 2 3 4 5		Contact cold 0 1 2 3 4
	Tear 0 1 2 3 4		Permeability by water 0 1
	Puncture 0 1 2 3 4		



U.S. Pat No. D704,381
EP RCD No. 002089912



OR Series

General purpose PVC gloves that stand up to tough conditions

PVC Coating



OR656

DESCRIPTION

The secret to the OR series's effectiveness is a carefully combined engineering and compounding. OR655/OR656/OR657 have a dipped rough finish that makes handling wet and slippery materials easier and safer. An anti-oil compound vinyl film actually works against a slippery surface to ensure a good grip performance. The ergonomically designed hand shape provides a natural fit and better comfort.

FEATURES

Comfort

A 13-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

Workability

A special durable compound assures that the gloves will stay reliable in tough working environment.

Hygiene

Antibacterial treatment is applied on the liner for the clean working environment.

PRODUCT

- Material Durable PVC
- Size 7/S-11/XXL
- Liner 13G Cotton
- Length 12inch(30cm)
- Color Blue

TECHNICAL

EN388					EN374-3							
Abrasion	0	1	2	3	4	A: Methanol	1	2	3	4	5	6
Cut	0	1	2	3	4	J: n-Heptane	1	2	3	4	5	6
Tear	0	1	2	3	4	K: Sodium hydroxido 40%	1	2	3	4	5	6
Puncture	0	1	2	3	4							



OR651

FEATURES

Comfort

A 13-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

Workability

A special soft compound assures that the gloves will stay soft and minimize hand fatigue.

Hygiene

Antibacterial treatment is applied on the liner for the clean working environment.

PRODUCT

- Material Soft PVC
- Size 7/S-11/XXL
- Liner 13G Cotton
- Length 12inch(30cm)
- Color Orange

TECHNICAL

EN388					EN374-3							
Abrasion	0	1	2	3	4	A: Methanol	1	2	3	4	5	6
Cut	0	1	2	3	4	J: n-Heptane	1	2	3	4	5	6
Tear	0	1	2	3	4	K: Sodium hydroxido 40%	1	2	3	4	5	6
Puncture	0	1	2	3	4							



OR656 KEV

DESCRIPTION

13G seamless knit Kevlar® and PVC coating provide reliable protection against oils and cut hazard. OR656KEV have a dipped rough finish that makes handling wet and slippery materials easier and safer. An anti-oil compound vinyl film actually works against a slippery surface to ensure a good grip performance. The ergonomically designed hand shape provides a natural fit and better comfort.

FEATURES

Cut resistance

OR656 together with Kevlar® offers the high assurance of cut resistant protection on knit area.

Workability

The combination of cotton and Kevlar® provides great comfort.

Hygiene

Antibacterial treatment is applied on the liner for the clean working environment.

PRODUCT

- Material Durable PVC
- Size 8/M-10/XL
- Liner 13G Kevlar®
- Length 12inch(30cm)
- Color Blue

TECHNICAL

EN388						
Abrasion	0	1	2	3	4	
Cut	0	1	2	3	4	5
Tear	0	1	2	3	4	
Puncture	0	1	2	3	4	



PVC Coating



OR652

FEATURES

Comfort

A 13-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

Workability

A special soft compound assures that the gloves will stay soft and its softness minimizes hand fatigue.

Hygiene

Antibacterial treatment is applied on the liner for the clean working environment.

PRODUCT

- Material Soft PVC
- Size 7/S-11/XXL
- Liner 13G Cotton
- Length 24inch(60cm)
- Color Orange

TECHNICAL

EN388	0 1 2 3 4	EN374-3	A: Methanol	1 2 3 4 5 6
Abrasion	0 1 2 3 4 5	J: n-Heptane	1 2 3 4 5 6	
Cut	0 1 2 3 4	K: Sodium hydroxido 40%	1 2 3 4 5 6	
Tear	0 1 2 3 4			
Puncture	0 1 2 3 4			



OR657

FEATURES

Comfort

A 13-gauge seamless liner and ergonomic design assure a maximum comfort and minimum hand fatigue.

Workability

A special durable compound assures that the gloves will stay reliable in tough working environment.

Hygiene

Antibacterial treatment is applied on the liner for the clean working environment.

PRODUCT

- Material Durable PVC
- Size 7/S-11/XXL
- Liner 13G Cotton
- Length 24inch(60cm)
- Color Blue

TECHNICAL

EN388	0 1 2 3 4	EN374-3	A: Methanol	1 2 3 4 5 6
Abrasion	0 1 2 3 4 5	J: n-Heptane	1 2 3 4 5 6	
Cut	0 1 2 3 4	K: Sodium hydroxido 40%	1 2 3 4 5 6	
Tear	0 1 2 3 4			
Puncture	0 1 2 3 4			



OR653 Thermo

DESCRIPTION

Detachable 7-gauge napped acrylic knit inner glove is attached to OR651. OR653 Thermo offers great warmth and keeps its flexibility in cold temperature (-20c/-4F).

FEATURES

Comfort

A 13-gauge seamless liner together with 7-gauge napped acrylic inner glove offer maximum warmth and comfort.

Workability

A special soft compound assures that the gloves will stay soft and minimize hand fatigue.

Hygiene

Antibacterial treatment is applied on the 13-gauge liner for the clean working environment.

PRODUCT

- Material Soft PVC
- Size 9/L-11/XXL
- Liner 13G Cotton
- Length 12inch(30cm)
- Color Orange

TECHNICAL

EN388	0 1 2 3 4	EN374-3	A: Methanol	1 2 3 4 5 6
Abrasion	0 1 2 3 4 5	J: n-Heptane	1 2 3 4 5 6	
Cut	0 1 2 3 4	K: Sodium hydroxido 40%	1 2 3 4 5 6	
Tear	0 1 2 3 4			
Puncture	0 1 2 3 4			



OR658 Thermo

DESCRIPTION

Detachable 7-gauge napped acrylic knit inner glove is attached to OR656. OR658 Thermo offers great warmth and keeps its flexibility in cold temperature (-20c/-4F).

FEATURES

Comfort

A 13-gauge seamless liner together with 7-gauge napped acrylic inner glove offer maximum warmth and comfort.

Workability

A special durable compound assures that the gloves will stay reliable in tough working environment.

Hygiene

Antibacterial treatment is applied on the 13-gauge liner for the clean working environment.

PRODUCT

- Material Durable PVC
- Size 9/L-11/XXL
- Liner 13G Cotton
- Length 12inch(30cm)
- Color Blue

TECHNICAL

EN388	0 1 2 3 4	EN374-3	A: Methanol	1 2 3 4 5 6
Abrasion	0 1 2 3 4 5	J: n-Heptane	1 2 3 4 5 6	
Cut	0 1 2 3 4	K: Sodium hydroxido 40%	1 2 3 4 5 6	
Tear	0 1 2 3 4			
Puncture	0 1 2 3 4			



Cut Resistant Gloves

Ultimate cut resistance with Kevlar®



Cut Level 5 EN388

PowerGrab® Katana PowerGrab® Katana MF

PowerGrab® Katana together with Steel core Kevlar® offers the highest cut resistant protection available in CE standard. Both Crinkle finish and MicroFinish® are available for PowerGrab® Katana.

TECHNICAL	
PowerGrab® Katana EN388	PowerGrab® Katana MF EN388
Abrasion 0 1 2 3 4	Abrasion 0 1 2 3 4
Cut 0 1 2 3 4 5	Cut 0 1 2 3 4 5
Tear 0 1 2 3 4	Tear 0 1 2 3 4
Puncture 0 1 2 3 4	Puncture 0 1 2 3 4

- APPLICATION**
- Glass Handling
 - Metal Fabrication
 - Mining
 - Sheet Metal Handling
 - Timber Handling



ASTM F1790-97
1892(g)
Cut Level 4

ASTM F1790-97
2180(g)
Cut Level 4



Katana

Katana MF

Cut Level 4 EN388

PowerGrab® KEV4

PowerGrab® KEV4 together with Kevlar® offers the high assurance of cut resistant protection.

TECHNICAL	
EN388	
Abrasion 0 1 2 3 4	
Cut 0 1 2 3 4 5	
Tear 0 1 2 3 4	
Puncture 0 1 2 3 4	

- APPLICATION**
- Automotive
 - Assembly
 - Glass Handling
 - Machine Operation
 - Sheet Metal Handling



ASTM F1790-97
1203(g)
Cut Level 3



Cut Level 3 EN388



ActivGrip™ Advance KEV

ActivGrip™ Advance KEV together with Kevlar® offers the high cut resistance and assures the grip performance under oily condition.

TECHNICAL

EN388	
Abrasion	0 1 2 3 4
Cut	0 1 2 3 4 5
Tear	0 1 2 3 4
Puncture	0 1 2 3 4



ASTM F1790-97
736(g)
Cut Level 2

APPLICATION

- Automotive
- Assembly
- Machine Operation
- Oily Material Handling



U.S. Pat No. 8,387,167
U.S. Pat No. 8,302,215
EP Pat Appl. No. 8722913.4
EP Pat Appl. No. 9711034

OR656 KEV

A 13-gauge Seamless Kevlar® liner and durable PVC coating provide reliable protection against oil and cut hazard.

TECHNICAL

EN388	
Abrasion	0 1 2 3 4
Cut	0 1 2 3 4 5
Tear	0 1 2 3 4
Puncture	0 1 2 3 4



APPLICATION

- Automotive
- General Purpose
- Metal Fabrication
- Mining
- Oily Material Handling



The picture of the liner



PowerGrab® KEV Thermo

A 10-gauge Seamless Kevlar® with acrylic liner offers outstanding cut resistance and excellent warmth.

TECHNICAL

EN388		EN511	
Abrasion	0 1 2 3 4	Convective cold	0 1 2 3 4
Cut	0 1 2 3 4 5	Contact cold	0 1 2 3 4
Tear	0 1 2 3 4	Permeability by water	0 1
Puncture	0 1 2 3 4		



ASTM F1790-05
1280(g)

APPLICATION

- Ideal for Cold Weather
- Glass Handling
 - Woodworking
 - Construction
 - Material Handling



WITH GARDEN®

Enjoy Yourself!

WithGarden®, a solution to your gardening and outdoor needs, is available with a variety of stylish color and design.

With the MICROFINISH® coating technology, all WithGarden® gloves promise the performance and safety, making your gardening work more enjoyable.

The MICROFINISH® is widely recognized in the industrial world around the globe for its grip performance.

Flora [for Sensitive Touch]

DESCRIPTION

Soft n Care® Flora comes with four colors, Rose Pink, Aqua Blue, Lemon Yellow and Sunshine Orange. Covered with natural rubber, gloves are soft and fit your hands perfectly. The elegant and stylish Soft n Care Flora is suited for sensitive work such as planting small pots, watering plants, and fruit picking. 13-gauge polyester liner offers maximum comfort and eliminate hand fatigue.

PRODUCT

- Material Latex
- Size 7/S-8/M
- Liner 13G Polyester



ROSE PINK
WG 315



AQUA BLUE
WG 316



LEMON YELLOW
WG 317



SUNSHINE ORANGE
WG 318

NEW



BURGUNDY
WG 595



NAVY
WG 596



FOREST GREEN
WG 597



VIOLET
WG 598

NEW

Landscape [for Durable Work]

DESCRIPTION

Soft n Care® Landscape comes with four colors, Burgundy, Navy, Forest Green and Violet. For active work, Soft n Care Landscape is coated with Nitrile. It is good for people who have natural rubber allergy. 13-gauge nylon liner fits your hands perfectly, offering maximum comfort and eliminate hand fatigue.

PRODUCT

- Material Nitrile
- Size 7/S-9/L
- Liner 13G Nylon

U.S. Pat No. 8,387,167
U.S. Pat No. 8,302,215
EP Pat Appl. No. 8722913.4
EP Pat Appl. No. 9711034

www.withgarden.com

Original

Thermal [for Cold Weather]

DESCRIPTION

Soft n Tough® Original comes with two colors, Ever Green and Brick Brown. Best suited for heavy gardening work as well as do-it-yourself projects. 10-gauge liner with open back design makes easy to work.

PRODUCT

- Material Latex
- Size 7/S-9/L
- Liner 10G Polyester/Cotton

DESCRIPTION

Soft n Tough® Thermal comes with two colors, Lemon Yellow and Ash Grey. Best suited for heavy gardening work as well as do-it-yourself projects. A solution to outdoor work in winter season.

PRODUCT

- Material Latex
- Size 7/S-9/L
- Liner 10G Napped Acrylic



EVER GREEN
WG 365



BRICK BROWN
WG 366



LEMON YELLOW
WG 375



ASH GREY
WG 376

WITH GARDEN KIDS

Enjoy yourself!



PINK
WG 381



BLUE
WG 382



BURGUNDY
WG 383

DESCRIPTION

The gardening gloves for Children, WithGarden® KIDS, are now available from WithGarden® series. Covered with natural rubber, gloves are soft and fit children's hands perfectly. The cute and stylish glove is suited for sensitive work such as planting small pots, watering plants, and fruit picking. 13-gauge liner offers maximum comfort and eliminates hand fatigue.

PRODUCT

- Material Latex
- Size 6/XS
- Liner 13G Polyester for Pink and Blue
13G Nylon for Burgundy

※Size 5/XXS is also available with three colors.

- WG371 BURGUNDY
- WG372 NAVY
- WG373 MOSS GREEN



Tested for harmful substances according to Oeko-Tex® Standard 100 H+CN T218

Messerli

With Garden

— Premium Series —



Luminis



NEW

ROSE
WG 506



NEW

HERB
WG 507

DESCRIPTION	PRODUCT
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Lovely design gives you enjoyment. MicroFinish®—Ultimate coating technology promises unparalleled grip performance. A soft yet durable nitrile coating technology adheres to virtually any dry or slippery surface

- Material Nitrile
- Size 7/S-9/L
- Liner 13G Polyester

U.S. Pat No. 8,387,167
EP Pat Appl. No. 8722913.4



Foresta



NEW

BURGUNDY
WG 393



NEW

MOSS GREEN
WG 394

DESCRIPTION	PRODUCT
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Long sleeve makes the hand clean from soil. MicroFinish®—Ultimate coating technology promises unparalleled grip performance. A soft yet durable latex coating technology adheres to virtually any dry or slippery surface

- Material Latex
- Size 7/S-9/L
- Liner 13G Nylon



Standards : All of Towa gloves are under certified with CE standards.

[Brief description of CE standards]

STANDARD EN 420: 2003

General requirements for protective gloves

STANDARD EN 374: 2003

Gloves giving protection from chemicals and micro-organism



a b c

Code Letter	Chemical	Cas Number	Class
A	Methanol	67-56-1	Primary alcohol
B	Acetone	67-64-1	Ketone
C	Acetonitrile	75-05-8	Nitrile Compound
D	Dichloromethane	75-09-2	Chlorinated paraffin
E	Carbone disulphide	75-15-0	Sulphur containing organic compound
F	Toluene	108-88-3	Aromatic hydrocarbon
G	Diethylamine	109-89-7	Amine
H	Tetrahydrofurane	109-99-9	Heterocyclic and ether compound
I	Ethyl acetate	141-78-6	Ester
J	n-Heptane	142-82-5	Saturated hydrocarbon
K	Sodium hydroxide 40%	1310-73-2	Inorganic base
L	Sulphuric acid 96%	7664-93-9	Inorganic mineral acid

STANDARD EN 388: 2003

Gloves giving protection from mechanical risks



a b c d

- a. resistance to abrasion
Based on the number of cycles required to abrade through the sample glove.
- b. blade cut resistance
Based on the number of cycles required to cut through the sample at a constant speed.
- c. tear resistance
Based on the amount of force required to tear the sample.
- d. puncture resistance
Based on the amount of force required to pierce the sample with a standard-sized point

STANDARD EN 407: 2004

Gloves giving protection from thermal hazards



a b c d e f

- a. Resistance to flammability (performance level 0-4)
- b. Contact heat resistance (performance level 0-4)
- c. Convective heat resistance (performance level 0-4)
- d. Radiant heat resistance (performance level 0-4)
- e. Resistance to small splashes of molten metal (performance level 0-4)
- f. Resistance to large splashes of molten metal (performance level 0-4)

STANDARD EN 511: 2006

Gloves giving protection from cold risks



a b c

- a. resistance to convective cold (performance level 0-4)
Based on the thermal insulation properties of the glove which are obtained by measuring the transfer of cold via convection.
- b. resistance to contact cold (performance level 0-4)
Based on the thermal resistance of the glove material when exposed to contact with a cold object.
- c. penetration by water (0or1)
0=water penetration
1=no water penetration.

**CONFIDENCE
IN TEXTILES**

Tested for harmful substances
according to Oeko-Tex® Standard 100
N-KEN 12118 Nissenken

OEKO-TEX® Standard 100

The OEKO-TEX® Standard 100 is an independent test and certification system for textile raw, intermediate and end products at all stages of processing.

Examples of articles that can be certified: yarns, fabrics, treated fabrics, manufactured articles (clothing of all kinds, domestic and household textiles, bedding, towels, soft toys and many more)

Kevlar® is a registered trademark of E.I. du pont de Nemours and Company.

TOWA

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