



COLD INSULATED
GLOVE • SERIES

INSULATED COLD PROTECTION
INSULATED + CHEMICAL RESISTANT
CLASSIC INSULATED
TEMRES® SERIES

**THE ULTIMATE COLD WEATHER PROTECTION
ENGINEERED FOR STRENGTH, BUILT FOR SAFETY**

INSULATED COLD PROTECTION



SHOWA ATLAS® GW345

FEATURES:

GRIP: Rough

LINER: Seamless knit Acrylic/
Cotton/Polyester liner

COATING: Natural Rubber Latex

REF.	SIZE
GW345M-07.RT	7/M
GW345L-08.RT	8/L
GW345XL-09.RT	9/XL
GW345XXL-10.RT	10/XXL

APPLICATIONS: Refrigeration,
Cleaning & Washing, Handling
plants and vegetables,
Maintenance

ADVANTAGES:

- Thermal insulation
- Water-resistant
- Natural Rubber Grip



477

FEATURES:

GRIP: Foam

LINER: Acrylic lining

COATING: Full Nitrile

REF.	SIZE
477M-07.RT	7/M
477L-08.RT	8/L
477XL-09.RT	9/XL
477XXL-10.RT	10/XXL

APPLICATIONS:

Concreting, Guttering & Drain Pipe,
Insulation, Washing & Cleaning, Planting &
Repotting, Bottling, Water/Sewage Treatment,
Plumbing, Drainage/Piping,
Shipping/Receiving

ADVANTAGES:

- Thermal insulation
- Water-resistant
- Abrasion-resistant
- Oil Grip
- Fully coated nitrile



SHOWA 451

FEATURES:

GRIP: Rough

LINER: Light insulated lining

COATING: Natural Rubber Latex

REF.	SIZE
451M-07.RT	7/M
451L-08.RT	8/L
451XL-09.RT	9/XL
451XXL-10.RT	10/XXL

APPLICATIONS: Construction,
Shipping & Receiving, Forklifts,
Maintenance, Refrigeration

ADVANTAGES:

- Thermal insulation
- Natural Rubber Grip
- Flexible
- Ergonomic Shape



SHOWA 406

FEATURES:

GRIP: Rough

LINER: Acrylic lining

COATING: Foam Natural Rubber

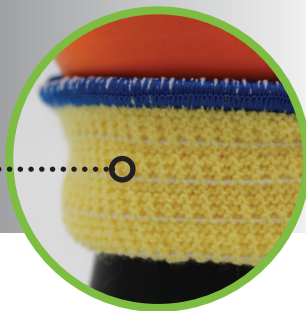
REF.	SIZE
406M-07.RT	7/M
406L-08.RT	8/L
406XL-09.RT	9/XL
406XXL-10.RT	10/XXL

APPLICATIONS: Outdoor winter use, Concrete Pouring,
Material Handling, Brick Laying, Plumbing, Washing &
Cleaning, Pool/Pond Maintenance

ADVANTAGES:

- Thermal insulation
- Water-resistant
- Cold protection

THERMAL
INSULATED
FLEECE
LINER



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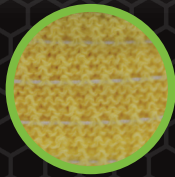
SHOWA CUSTOMER SERVICE | 800.241.0323



NEW

CUT-RESISTANT QUALITY PLUS COLD PROTECTION

**ULTRA-WARM
ACRYLIC INSULATED
INNER LINER**



ADVANTAGES:

- Thermal insulation
- Water-resistant
- Cut-resistant
- Increased Visibility



SHOWA
XW300

FEATURES:

GRIP: Rough

LINER: Outer: 13G Nylon, Polyester
Inner: 7G Acrylic, Kevlar
Stainless Steel

COATING: Foam Natural Rubber

REF.	SIZE
XW300M-07.RT	7/M
XW300L-08.RT	8/L
XW300XL-09.RT	9/XL
XW300XXL-10.RT	10/XXL

APPLICATIONS:
Maintenance, Repair, Small
Parts Handling, Component
Assembly, HVAC

The new XW300 combines an excellent grip, superb
tactility, A5 cut-resistance and touchscreen compatibility
for a multitude of industrial applications.



INSULATED + CHEMICAL RESISTANT



SHOWA 460

FEATURES:

GRIP: Rough

LINER: Insulated liner

COATING: PVC

REF.	SIZE
460M-08.RT	8/M
460L-09.RT	9/L
460XL-10.RT	10/XL

APPLICATIONS:

Commercial Fishing, Petrochemical, Construction, Public Utilities, Cold Storage & Refrigeration, Washing & Cleaning

ADVANTAGES:

- Thermal insulation
- Water-resistant
- Remains flexible in temperatures as low as -4°F/-20°C



SHOWA 495

FEATURES:

GRIP: Rough

LINER: Removable Insulated liner

COATING: Triple dipped PVC

REF.	SIZE
495M-08.RT	8/M
495L-09.RT	9/L
495XL-10.RT	10/XL
495XXL-11.RT	11/XXL

ADVANTAGES:

- Thermal insulation
- Water-resistant
- Protects hands down to -20°C

APPLICATIONS:

Commercial Fishing, Cold Storage & Refrigeration, Washing & Cleaning

CLASSIC INSULATED



SHOWA 95NFW

FEATURES:

GRIP: Rough

LINER: Triple-layered Foam Insulation & Jersey Cotton

COATING: Natural Rubber Latex

LENGTH: 12 in. (305mm)

REF. SIZE
95NFWL-10.RT 10/L

ADVANTAGES:

- Extended Length
- Insulated
- Fully-coated Natural Rubber

APPLICATIONS: Construction, Maintenance, Landscaping, Utilities & Municipal Services.

- Handling Concrete Blocks
- Brick & Tile Handling
- Shipping & Receiving



SHOWA 96NFW

FEATURES:

GRIP: Rough

LINER: Triple-layered Foam Insulation & Jersey Cotton

COATING: Natural Rubber Latex

REF. SIZE
96NFWL-10.RT 10/L

APPLICATIONS: Construction, Maintenance, Landscaping, Utilities & Municipal Services.

- Handling Concrete Blocks
- Brick & Tile Handling
- Shipping & Receiving

ADVANTAGES:

- Rough grip
- Insulated
- Safety Cuff
- Fully-coated Natural Rubber



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SHOWA TEMRES®
282-02

FEATURES:

GRIP: Rough

LINER: Fixed Insulated
Acrylic Lining

COATING: Polyurethane

REF.	SIZE
282-02M-08.RT	8/M
282-02L-09.RT	9/L
282-02XL-10.RT	10/XL
282-02XXL-11.RT	11/XXL

APPLICATIONS: Commercial Fishing, Refrigeration, Cleaning & Washing, Handling plants and vegetables, Maintenance

ADVANTAGES:

- Thermal insulation
- Water-resistant
- Extended cuff with drawcord
- Side release buckle
- Polyurethane coating

+ Ergonomic, Waterproof
TEMRES® Technology



SHOWA TEMRES®
282

FEATURES:

GRIP: Rough

LINER: Fixed Insulated
Acrylic Lining

COATING: Polyurethane

REF.	SIZE
282M-08.RT	8/M
282L-09.RT	9/L
282XL-10.RT	10/XL
282XXL-11.RT	11/XXL

APPLICATIONS:
Commercial Fishing, Refrigeration,
Cleaning & Washing, Handling Plants
and Vegetables, Maintenance

- ADVANTAGES:**
- Thermal insulation
 - Water-resistant
 - Breathable
 - Remains flexible down to -58°F

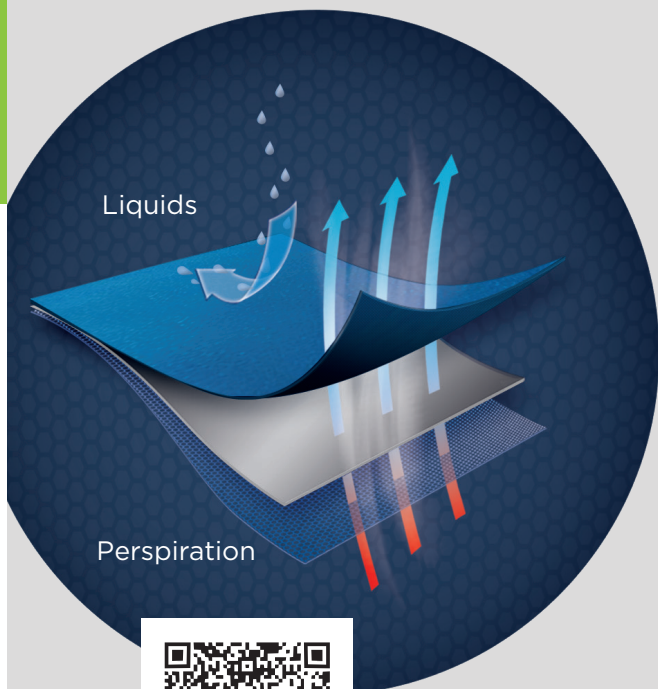


SHOWA

TEMRES[®] Technology

THE UNIQUE COMBINATION OF BREATHABLE AND WATER-RESISTANT PACKED INTO A SINGLE GLOVE.

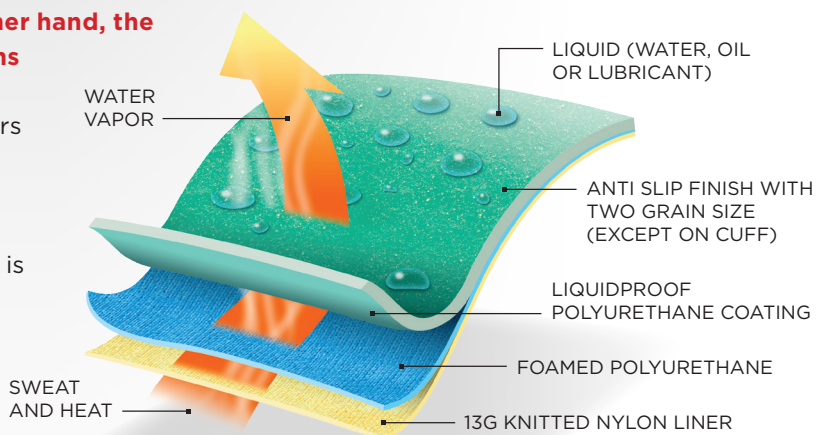
The idea behind TEMRES[®] came from a challenge faced by Japanese workers who wanted to keep their hands free from sweat while working in wet environments. For many workers in the Japanese fishing industry it was difficult to keep dry hands while at the same time working in wet and oily conditions. However, it is even more difficult to achieve good breathability in fully coated gloves while maintaining oil & water-resistance.



Use your smartphone camera to activate

HOW DOES IT WORK?

The concept in TEMRES[®] technology comes from differences in physical properties of liquid water and water vapor. **Physical properties of water in liquid state, such as cohesion and lower molecular energy, means that water droplets typically range in size between 100 μm to 3,000 μm . On the other hand, the higher energy of water molecules in vapor means they are excited and moving freely.** The size of a water molecule is about 0.0003 μm . Our engineers used this significant size difference to create two main membranes in the glove that enable the **TEMRES[®] Effect**: one membrane for breathability and one for water resistance. The first membrane is made from porous foamed polyurethane, helping moisture come out easily and allowing the hand to dry promptly. The second is the outermost layer made from hydrophilic polymer, which is permeable to moisture but not to water. The difference in concentration of water molecules and temperature leads to water vapor transfer from inside the glove to outside. This is the essential mechanism applied to TEMRES[®] gloves. The breathability allows hands to stay dry. At the same time its water-resistant property still protects the hands from water and liquids.



You can find this groundbreaking technology in use on the **TEMRES 282, 282-02**



SHOWA®

Always Innovating. Never Imitating.



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