



OPTICHEM THERMO ST-1085



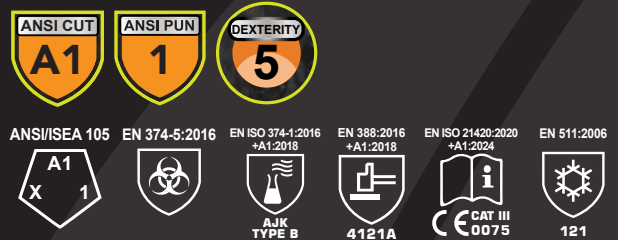
TRIPLE-DIPPED, FLEXIBLE WATERPROOF PVC CHEMICAL RESISTANT GLOVES WITH **DUAL THERMAL LINING** EN ISO 374-1 TYPE-B

Anti-microbial dual cotton and acrylic thermal lining provides warmth in cold applications. Multi-layer coating for secure optimal chemical protection. Textured PVC enhances good grip in wet, dry, oily and fluid heavy applications.

FEATURES

- **Flexible Insulated PVC Gloves** deliver chemical protection, cold resistance, and enhanced wet grip performance
- **SealTrace™** Seam integrity system blocks micro-pathways to prevent chemical ingress at transition zones when used for continuous liquid exposure tasks
- **Controlled Glove Structure** supports durability and wearer comfort during ongoing exposure
- **Textured Non-Slip Finish** maintains grip stability in oils, greases, acids, and caustics while resisting chemical and biological hazards
- **CoreTherm™** Integrated insulation layer that retains warmth in cold conditions without restricting mobility
- **FlexFit™** Anatomical shaping engineered to follow natural hand movement for stable fit and controlled motion
- **Triple-Layer Composite Design** delivers comfort, flexibility, and protection in a bonded high-performance glove structure
- **Antimicrobial Thermal Lining** provides comfort and cold protection in temperatures down to -30°C / -22°F

STANDARDS



MATERIALS

Dual Liner: Cotton, Brushed Acrylic Terry Cloth
Coating: Smooth & Texture PVC
Cuff Style: Gauntlet Cuff
Length: 12.5"

SIZES

7	S
8	M
9	L
10	XL
11	2XL

PACKING DETAILS

1	Pair Per Polybag Retail Ready
60	Pairs Per Carton



ChemBlock™ delivers consistent multi layer protection across gloves designed for chemical, liquid, and solvent exposure, with a reliable internal resistance structure across every application.

ESSENTIAL TECHNOLOGIES



APPLICATIONS



ESSENTIAL TECHNOLOGY

ST-1085 OPTICHEM THERMO

CHEM BLOCK Technology



CoreTherm™
Integrated thermal insulation layer for cold environment protection



FlexFit™
Anatomical glove shaping that follows the natural curves & motion of the hand

3rd Layer:
Textured Non-Slip Finish
Enhances Grip and Control in Oily, Greasy, and Wet Conditions

2nd Layer:
Reinforced PVC Layer
Enhances Structural Stability While Maintaining Glove Flexibility

1st Layer:
Smooth Soft PVC
Base Layer Provides Reliable Chemical & Liquid Resistance



Seal Trace

Surface-layer uniformity system that eliminates micro-pathways for fluid entry

Dual Seamless Cotton & Brushed Acrylic Terry Lining Enhances Thermal Warmth for Extended Wearing Comfort

Extended Gauntlet Cuff Provides Added Protection for the Wrist and Forearm

ENGINEERED WITH STEGO TECHNOLOGIES

PERFORMANCE & COMPLIANCE

ST-1085 meets the requirements of applicable EN & ANSI/ISEA standards.

EN ISO 21420:2020
+A1:2024



EN ISO 21420:2020 + A1:2024
General Requirements
Dexterity:

5

EN ISO 374-1:2016
+A1:2018



EN ISO 374-1:2016 + A1:2018
Protection Against Dangerous Chemicals
A - Methanol
J - n-Heptane
K - Sodium Hydroxide (40%)

EN 374-5:2016



EN ISO 374-5:2016
Protection Against Micro-Organisms

EN 388:2016
+A1:2018



4121A

EN 388:2016 + A1:2018
Protection Against Mechanical Risks
Abrasion Resistance: 4
Blade Cut Resistance (Coupe Test): 1
Tear Resistance: 2
Puncture Resistance: 1
Cut Resistance (TDM 100 Test-ISO 13997): A

ANSI/ISEA 105



ANSI/ISEA 105-2024
Mechanical Protection
Cut Resistance: X
Abrasion Resistance: 4
Puncture Resistance: 1

EN 511:2006

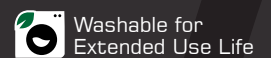


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EN 511:2006
Protection Against Cold Risks
Convective Cold: 1
Contact Cold: 2
Water Penetration: 1

PACKAGING INFORMATION

	7 / S	8 / M	9 / L	10 / XL	11 / 2XL
MASTER CARTON DIMENSION	68X49X26 CM	68X49X26 CM	68X49X26 CM	68X49X26 CM	68X49X26 CM
NET WEIGHT	13.80 KG	14.40 KG	15.00 KG	15.60 KG	16.20 KG
GROSS WEIGHT	16.00 KG	16.80 KG	17.50 KG	18.20 KG	18.90 KG
CBM	0.089	0.089	0.089	0.089	0.089
HS CODE	61161000	61161000	61161000	61161000	61161000



LIMITATION OF USE

Properly fitting safety gloves are crucial for safety. Poorly-fitting gloves cause irritation and hinder hand movements. Ensure they meet your required safety level and fit comfortably for optimal protection and functionality. The glove should not be worn in areas where there's a risk of entanglement or where there are moving parts. Avoid using gloves if there are signs of damage or defects.