



TECHNICAL DATA SHEET

TPR 9004

Impact & Cut Resistant Glove with Advanced Grip

Product Introduction:

- The TPR 9004 is designed for high-risk applications, this glove combines cut resistance, impact protection, and superior grip in one robust solution.
- Its HPPE composite liner, reinforced thumb area, and ergonomic TPR protection provide reliable hand safety for heavy-duty industrial operations.

Key Features:

- **Liner Type:** Seamless knitted liner made from high-performance polyethylene (HPPE) blended with technical fibers to provide ISO 13997 Cut Level D protection while maintaining flexibility and wearer comfort.
- **Coating:** Durable sandy nitrile coating on the palm ensures excellent grip in dry, wet, and oily conditions, along with superior abrasion resistance (Abrasion Level 4).
- **Flexible Dual Color TPR:** Ergonomically designed thermoplastic rubber (TPR) protectors on fingers, knuckles, and metacarpal area to absorb and disperse impact energy, offering reliable back-of-hand protection.
- **Thumb Patch:** Additional thumb crotch reinforcement enhances durability in high-wear areas and improves protection during repetitive handling tasks.
- **Impact Resistant:** Designed to pass impact resistance requirements, helping reduce injuries caused by accidental knocks, pinching, and compression forces.
- **Breathable Construction with Velcro Adjustment:** Seamless liner construction reduces hand fatigue, improves dexterity, and allows long-hour usage without discomfort also providing proper fit with velcro adjustment.
- **High Visibility Colour Combination:** Red palm coating and contrasting TPR colors enhance glove visibility, supporting better hand awareness in industrial environments.



Performance – EN 388:2016+A1:2018

Performance Level: 4X43DP Test	Performance Level
Abrasion Resistance	4
Cut Resistance (Coup Test)	5
Tear Resistance	4
Puncture Resistance	3
Cut Resistance (TDM ISO 13997)	D
Impact Protection	P (Passed)
ANSI/ISEA 138: Impact Level 1	

Benefits:

- **Durable & Long-Lasting** – reinforced thumb patch and abrasion-resistant palm extend glove life under heavy use.
- **Comfortable & Dexterous** – flexible liner and ergonomic design allow natural hand movement for precision tasks.
- **Maximum Protection** – combines high cut resistance and TPR impact guards to reduce hand injuries in critical areas.



Industry :

These Gloves are utilized for their protective and practical features in various industries such as



Oil & Gas Industry



Heavy-Duty Assembly



Mining & Construction



Material Handling in High-Risk Zone



Metal Processing



Impact Protection

Applications:

- Metal fabrication and sheet-metal handling
- Automotive assembly and stamping operations
- Heavy engineering and machinery maintenance
- Oil & gas, drilling, and extraction activities
- Construction, rigging, and material handling
- Warehousing and logistics involving sharp edges

Safety Information:

- Inspect gloves for damage or wear before each use
- Ensure proper sizing for optimal protection and performance
- Not suitable for chemical exposure or high-heat environments

Usage Instructions

- Wear gloves with a proper fit for full protection
- Do not use torn or damaged gloves
- After use, inspect gloves for integrity before next use

Storage & Shelf Life

- Store in a cool, dry place away from direct sunlight and heat
- Recommended storage temperature: below 40°C
- Shelf life: 3 years from manufacturing date under ideal conditions

Packaging:

72 pairs per box