AlphaTec®
ADVANCED CHEMICAL PROTECTION

53-003

Broad chemical protection with enhanced comfort and tactility

Revolutionary Hybrid Technology delivering a breakthrough in chemical performance

•**Extreme Chemical protection:** AlphaTec® 53-003 gloves achieving 17 out of 18 chemicals on EN 374:2016 with 16 being at class 6 >480 minutes and 16 out of 18 > class 2 against ASTM F739 with a 10x lower limit to pass.

•**Elevated comfort and dexterity:** unique manufacturing process for optimized fit with raised diamond grip for secure performance in a wide range of scenarios.

•**Improved durability:** They also possess EN 388-compliant abrasion resistance for better mechanical protection.

•**Specialized protection:** AlphaTec® 53-003 gloves satisfy EN 407 contact heat level 1 (contact heat approved up to 100°C/212°F) , and anti-static according to EN 1149-3 standards preventing workplace injuries.

Industries

- Automotive
- Chemical
- Recycling and Waste Disposal
- Utilities

Applications

- Assembly & inspection of components
- Oil, fluids and filter change
- Painting or cleaning tools or robots
- Chemical Handling
- Transferring liquids and solids
- Chemical leaks
- Spill or leakage cleanup

AlphaTec®

ADVANCED CHEMICAL PROTECTION

53-003

Broad chemical protection with enhanced comfort and tactility

Key Features

- **MICROCHEM™ Chemical Barrier Technology:** Unique multi-layer rubber polymer and plastic laminate technology for extremely broad chemical protection
- **Multi-hazard protection:** AlphaTec 53-003 provides next generational chemical protection whilst delivering secondary hazard protection, like mechanical and heat hazards.
- **Comfort and sweat management:** Unique manufacturing process and nylon liner support to enhance comfort during use.

Technologies

MICROCHEM™
Chemical Barrier Technology

Performance Standards

CE 0493

EN 421	EN ISO 374-5	EN388: 2016	EN 407	EN ISO 374-1:2016 Type A
	VIRUS	2121X	X1XXXX	ABCEFGHIJKLMNOPST

Specifications

BRAND | STYLE	DESCRIPTION	SIZE	LENGTH	COLOR	PACKAGE
AlphaTec® 53-003	**Liner Material:** Nylon **Coating Material:** Neoprene + Laminate film **Featured Technology:** MICROCHEM™	7 - 11	350 mm / 14 inches	Black	1 pair/polybag 36 polybags/carton

Europe, Middle East & Africa Region
Ansell Healthcare Europe NV
Riverside Business Park
Blvd International, 55
1070 Brussels, Belgium
T: +32 (0) 2 528 74 00
F: +32 (0) 2 528 74 01

North America Region
Ansell Healthcare Products LLC
111 Wood Avenue South,
Suite 210
Iselin, NJ 08830, USA
T: +1 800 800 0444
F: +1 800 800 0445

Latin America & Caribbean Region
Ansell Commercial Mexico S.A. de C.V.
Blvd. Bernardo Quintana No. 7001-C,
Q7001 Torre II.
Suites 1304, 1305 y 1306.
Col. Centro Sur, c.p. 76079
Queretaro, Qro. Mexico
T: +52 442 248 1544 / 248 3133

Canada
Ansell Canada Inc.
105, rue Lauder
Cowansville (Québec)
J2K 2K8, Canada
T: 1 800 363-8340
F: 1 888 267-3551

Ansell, ® and ™ are trademarks owned by Ansell Limited or one of its affiliates. US Patented and US and non-US Patents Pending: www.ansell.com/patentmarking © 2025 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.

Ansell