HAND PROTECTION · REGULAR-USE PPE

Chemical-Resistant Gloves

Chemical-resistant gloves are unsupported or supported polymer gloves made from nitrile, neoprene, PVC, butyl or laminate film that resist permeation by specific chemicals, with protection levels tested under EN ISO 374-1.

TECHNICAL SPECIFICATIONS	
Standard	EN ISO 374-1:2016 Type A/B/C; EN ISO 374-5:2016 (micro-organisms); EN 388:2016
Materials	Nitrile (NBR), neoprene (CR), PVC, butyl (IIR), natural rubber, PE/EVOH laminate
Thickness	0.38 mm to 0.75 mm unsupported; heavier for supported PVC
Length	33 cm, 38 cm, 45 cm or 60 cm
Lining	Flock lined, cotton interlock or unlined
Permeation (typical)	Level 2–6 per chemical; see manufacturer breakthrough data
Sizes	7 to 11
Colour	Green (nitrile), black (neoprene), blue/red (PVC), black (butyl)
Packaging	12 pairs per bag, 72–144 pairs per carton

Key features

- Nitrile, neoprene, PVC, butyl or laminate construction matched to the chemical hazard
- Flock or cotton lining for comfort and easy donning in heat
- 33 cm to 45 cm cuff lengths for forearm and splash protection
- Diamond or sandpatch grip texture for wet and oily handling
- Unsupported gloves for dexterity, knit-supported gloves for abrasion
- Chlorinated or silicone-free versions for paint and sensitive processes

Variants available

- Green flock-lined nitrile gloves, 33 cm
- Heavy-duty nitrile gloves, 45 cm cuff
- Black neoprene gloves for acids and caustics
- PVC knit-supported gloves for wet industrial work
- Butyl gloves for ketones and esters
- Laminate film under-gloves for mixed solvents

TYPICAL APPLICATIONS	
Oil & gas	hydrocarbon sampling, chemical injection and tank cleaning
Industrial	chemical plants, plating lines, battery and acid handling
Water & utilities	chlorine, caustic dosing and wastewater treatment
Construction	epoxy, resin, solvent cleaning and concrete admixtures
Facilities	industrial cleaning, degreasing and pest control
Laboratories & healthcare	reagent handling and disinfection

COMPLIANCE, BRANDS AND SELECTION

Compliance (UAE / GCC)

In the UAE, chemical gloves must be CE marked to EN ISO 374-1 with the flask pictogram and the letter codes of chemicals tested, in line with Dubai Municipality and Abu Dhabi OSHAD requirements for certified Category III PPE. The employer's chemical risk assessment and the Safety Data Sheet (SDS) for each substance determine the glove material; HSE teams commonly ask the supplier for permeation and degradation data for the specific chemicals on site.

Brands we supply

Ansell, Showa, Honeywell, MAPA, Uvex, Polyco

How to choose

1. Start from the SDS: match the glove polymer to the chemical class, not the colour.
2. Check the breakthrough time exceeds the task duration with a safety margin.
3. Choose longer cuffs where splashing or immersion is likely.
4. Pick flock-lined gloves for comfort in heat and unlined for grip and dexterity.

Request a quotation

Send quantity, sizes and delivery location. We reply with an itemised quotation and certificates within one working day.

WhatsApp / call +971 54 541 4145 · faizal@albarakaservices.com

Product page: albarakaservices.com/products/safety-products/chemical-resistant-gloves/

Typical specifications for this product class, compiled by Al Baraka Diyar for quotation and tender preparation. This is not a manufacturer datasheet. Exact values, markings, sizes and certificates depend on the brand and model supplied and are confirmed in our quotation and in the manufacturer's test certificates. Always verify suitability with your site HSE officer. Information is subject to change without notice.