



Ultimate Industrial

HAND PROTECTION RANGE



TECHNICAL PRODUCT DATASHEET

HEAT PROTECTION



CHEMICAL PROTECTION



UPDATED: 13/02/2023

BetaChem

The BetaChem range of gloves is perfect for applications where both chemical resistance and mechanical performance is required.

33cm long, the gauntlet is based on a fully machine knitted liner with a dual nitrile chemically resistant coating. The first initial coating is bonded to the liner in order to prevent any liquid or chemical leakages and provides excellent resistance to a range of solvents, fats, oils, bacteria and viruses. The additional palm coating is a specialist foam coating and provides unrivalled grip when handling wet or oily parts whilst simultaneously enhancing the durability of the glove, enabling continual use for long periods of time.

Also available with a cut level F liner (**BetaChem-XF**)



FEATURES AND TECHNOLOGY



CHEMICAL PROTECTION



HEAT TESTED



NITRILE

NITRILE



SUPERIOR GRIP



WATERPROOF



2D

DUAL COATED

TYPICAL INDUSTRIES



ENGINEERING



AGRICULTURE



FISHERY



JANITORIAL



PESTICIDES

TECHNICAL INFORMATION

ORDER REF #	G/BETACHEM
COATING MATERIAL	DUAL COATED
PACKING	PER PACK: 5 x Pair
	PER CASE: 50 x Pair
SIZES AVAILABLE	7(S),8(M),9(L),10(XL),11(2XL)
EU TYPE CERTIFICATION BY	SATRA Technology Europe Ltd, Bracetown Business Park, Clonee, Dublin, D15 YN2P, Ireland (Notified Body No. 2777)

CERTIFICATION AND STANDARDS (SEE OVERLEAF FOR FURTHER DETAILS)

EN388:2016



4 1 4 2 A

Abrasion (0-4)
Cut (0-5)
Tear (0-4)
Puncture (0-4)
TDM Cut (A-F)

EN407:2020



X 2 X X X X

Contact Heat

EN ISO 374-1 :2016 / TYPE A



J K L M N O

EN ISO 374-5:2016



Protection against bacteria & fungi - PASS

Protection against viruses - PASS

2777

CAT III UK CA CE

¹ 'X' denotes not tested.
² * Where applicable, EN388:2016 scores take precedent and are ongoing.
³ There is no correlation between coupe test levels and EN ISO 13997 / TDM cut test levels.



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CERTIFICATION LEGENDS

EN388:2016



* For dulling during cut resistance test (6.2), the coupe test results are only indicative while the TDM cut resistance test (6.3) is the reference performance result.

EN ISO 374-1 :2016 / TYPE



A	Methanol
B	Acetone
C	Acetonitrile
D	Dichloromethane
E	Carbon Disulphide
F	Toluene
G	Diethylamine
H	Tetrahydrofuran
I	Ethyl Acetate

EN ISO 374-5:2016



TYPE A - Gloves have achieved level 2 or greater against six of the chemicals listed in EN ISO 374-1 (below). The tested chemicals are identified by their code letters under the flask pictogram.

TYPE B - Achieved level 2 or greater against at least **three** of the chemicals.

TYPE C - Achieved at least a level 1 against **one** of the chemicals.

J	n-Heptane
K	Sodium Hydroxide (40%)
L	Sulphuric Acid (96%)
M	Nitric Acid (65%)
N	Acetic Acid (99%)
O	Ammonium Hydroxide (25%)
P	Hydrogen Peroxide (30%)
S	Hydrofluoric Acid (40%)
T	Formaldehyde (37%)

EN407:2020



EN511:2006



* For details regarding maximum permissible user exposure, see separate sheet.

¹ Testing carried out on the palm material. Except in cases where the glove is equal to or over 400mm - where the cuff is tested also tested. ² 'X' denotes Not Tested. ³ Where applicable, EN388:2016 scores take precedent and are ongoing. There is no correlation between coupe test levels and ISO 13997 / TDM cut test levels. Where both EN388:2016 and EN388:2003 scores are shown, the latter is shown for informational purposes only.

FURTHER INFORMATION

STORAGE / TRANSPORT: Keep away from direct sunlight; store in a cool dry place. Keep away from ozone sources or naked flame. Store the gloves in their original packaging. During transportation, ensure the product is well packaged and protected in order to prevent any damage.

PRECAUTIONS BEFORE USE: 1. Gloves should not be used when there is a risk of entanglement with moving machine parts. 2. Before usage and periodically during usage, inspect the gloves for any defects or imperfections. Avoid wearing damaged, dirty or worn out gloves. 3. The gloves should not come in contact with a naked flame or fire. 4. Do not subject to high speed or serrated blades. 5. Always read enclosed user instructions before using these gloves. 6. When used, protective gloves may provide less resistance to the dangerous chemicals due to changes in physical properties. 7. Movements, snagging, rubbing, degradation caused by the chemical contact etc. may reduce the actual use time significantly. For corrosive chemicals, degradation can be the most important factor to consider in selection of chemical resistant gloves. 9. This product has not been tested against viruses.

CONSTITUENTS / ALLERGIES: Some gloves may contain ingredients which are known to be a possible cause of allergies in sensitive persons who may develop irritant and/or allergic contact reactions. If an allergic reaction should occur seek medical advice immediately.

For more information about this product, or to access the Declaration of Conformity or Product Certification, visit;
<https://www.ultimateindustrial.co.uk/hand-and-arm/chemical-protection/betachem>

If appropriate to the product, EC/EU Declaration of Conformities, relevant certification and supporting documentation are available to access through your distributor, at the above web address(s) or by contacting UCI customer services quoting the product reference code. This document and any other statement provided herein by or on behalf of UCI are given for informational purposes and do not constitute a contractual agreement nor warranty of merchantability. UCI assumes no responsibility for the suitability or adequacy of an end user's selection of product for a specific purpose. The manufacturer reserves the right to make any modifications it deems necessary. All product and company names are trademarks™ or registered® trademarks of their respective holders. © UCI Limited, 2021



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