

SIERRA apron (PPE - category III)



FIELD OF APPLICATION

The SIERRA apron is suitable for usage in chemical industries and engineering. It is a reusable protective clothing against accidental spills (Type PB[6]) of some liquid chemical products and against chemical permeation and jet liquid (Type PB[3]), especially NaOH soda at 40%, H₂SO₄ sulfuric acid at 40%, butan-1-ol and o-xylene. The SIERRA apron resists water spray or oil spray to 180°C.

MATERIAL: Vinyl on polyester support

FEATURES

- **Colour:** brown or white
- **Thickness:** 630 µm (± 10%)
- **Weight:** 750 g/m² (± 10%)
- **Standard Dimensions** (width x height in cm): 90x120 and 100x120

Aprons with stainless steel brass rings and eyelets

Food safe polypropylene adjustment loop(s)

Detectable plastic hook and polyester braided elastic



NORMS & REGULATIONS

Category III

Notified body involved in manufacturing control: AFNOR Certification n° 0333 - 11 rue Francis de Pressensé - 93571 LA PLAINE ST DENIS

Notified body in charge of the certification: IFTH - avenue Guy de Collongue - 69134 ECULLY Cedex

- This apron complies with the regulation (UE) PPE 2016/425 and the standard NF EN ISO 13688 (2013)
- NF EN 13034 + A1 2009 Type PB [6], NF EN 14605 + A1 2009 Type PB [3]
- Apron in accordance with Article 33 of the REACH Regulation N°1907/2006 on products containing SVHC and its amendments.
- Does not contain phthalate, silicone (and silicone derivatives), or bisphenols.



CLEANING CONDITIONS

Cleaning: wash and brush the apron in hot soapy water (40°C) or in a mixture of water and a gentle detergent. **Rinsing:** with water. Do not use toxic products to clean or rinse the apron. **Storage:** After cleaning, store in a dark, dry, well-ventilated place. The apron must be replaced when it shows signs of wear and tear.

With a proper use and a good maintenance, your apron lasts longer!

N° intrastat 39262000



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Postal address: CS 40055 - 49170 ST-GEORGES-SUR-LOIRE - FRANCE - E-mail: manulutex@manulutex.fr - www.manulutex.fr

Bien plus que la sécurité
More than just safety

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PERFORMANCE LEVELS

MECHANICAL PERFORMANCE

Mechanical tests
according to NF EN 14325 (2004)

| | |
|----------------------------|------|
| Abrasion + waterproofness | 6/6* |
| Flex-crack resistance | 6/6* |
| Trapezoid Tearing strength | 6/6* |
| Tensile strength | 6/6* |
| Puncture resistance | 4/6* |

* 6 is the highest level

CHEMICAL TESTS

Chemical tests according to
NF EN 14605+A1

| Product | Permeation level |
|------------|------------------|
| NaOH 40% | 6/6* |
| H2SO4 40% | 6/6* |
| o-xylene | 2/6* |
| Butan-1-ol | 3/6* |

* 6 is the highest level

CHEMICAL TESTS

Chemical tests according to
NF EN 13034+A1

| Product | Penetration level | Repulsion level |
|------------|-------------------|-----------------|
| NaOH 10 | 3/3* | 3/3* |
| H2SO4 30% | 3/3* | 3/3* |
| o-xylene | 3/3* | 3/3* |
| butan-1-ol | 3/3* | 3/3* |

* 3 is the highest level

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