



Equip Your Workforce.  
Empower Your Future With Shield  
Work Safe. Work Smart





MULTI PURPOSE



# HandFlex

## 15GAUGE NYLON/SPANDEX LINER WITH NITRILE SANDY COATING GLOVES

Excellent resistance to abrasion. Outstanding durability and grip.



NITRILE SANDY COATING

### FEATURES

- › Superior comfort and dexterity
- › Level 4 abrasion resistance
- › Designed to ensure an optimal fit.
- › Excellent grip in both wet and dry environments
- › An Oeko-Tex™ certified product
- › Seamless nylon/spandex liner
- › Nitrile Sandy Coating palm coating provides superior protection.
- › Sanitized® antimicrobial finish provides extra freshness.
- › Specially designed to disperse static charge and meets EN 16350:2014 standards.
- › Touchscreen capabilities to allow usage with screen devices.



### SUITABLE FOR

#### Typical Industries

- Automotive
- Logistics
- Maintenance
- Manufacturing
- Oil and Gas
- Utilities

#### Suitable Applications

- Assembly
- Goods Handling
- Light Fabrication
- Quality Inspection
- Warehousing

### CERTIFICATION



CAT II

EN 388:2016



4131X

EN16350



ANSI



ABR

See Overleaf For Explanation



# HandFlex

## PRODUCTION INFORMATION

<b>MATERIALS</b>	LINER: 15 Gauge Nylon, Spandex
	COATING: Nitrile Sandy Coating
<b>COLOUR</b>	Grey / Black
<b>LENGTH (mm)</b>	250 (Size Dependent)
<b>CUFF STYLE</b>	Elasticated Knit Wrist

## ORDERING DETAILS

SIZE	CODE	PACKAGING
7/S	XY-403S	1 Pair per bag
8/M	XY-403M	12 Pair per bundle
9/L	XY-403L	
10/XL	XY-403XL	120 Pair per case
11/XXL	XY-403XXL	

## RECOMMENDATION FOR USE

- Designed for general handling tasks, Not for use with extreme heat, electricity, or chemicals, Keep away from moving machinery to avoid entanglement
- Store dry, in the bag, and out of the sun
- Wipe clean with a damp cloth
- Built to Last (within reason): Glove life depends on use. Inspect regularly for damage

## CERTIFICATION LEGENDS



MECHANICAL HAZARDS EN 388:2016  
PERFORMANCE LEVELS\*

0-4   0-5   0-4   0-4   A-F   P

Abrasion Resistance   Circular Blade Cut Resistance   Tear Resistance   Puncture Resistance   Straight Blade Cut Resistance (EN ISO: 13997)   Impact Resistance

\*If tests are not performed or are not applicable, 'X' will be placed instead of a number/letter



Electrostatic Properties  
EN 16350

### PERFORMANCE

Name	: Electrostatic properties
Feature measured	: Contact resistance
Threshold value	: $R < 1,0 \times 10^8 \Omega$
Test atmosphere	: Ambient temperature: 23°C (± 1°C); relative air humidity: 25% (± 5%)
Measurements	: 5 tests; each must be within the threshold value

CLASSIFICATION FOR CUT RESISTANCE	
Measured breakthrough time	Permeation performance index (grams)
A1	≥ 200
A2	≥ 500
A3	≥ 1000
A4	≥ 1500
A5	≥ 2200
A6	≥ 3000
A7	≥ 4000
A8	≥ 5000
A9	> 6000

ANSI/ISEA 105-2016 ABRASION RATING CHART							
Abrasion Level Rating	0	1	2	3	4	5	6
Gram Load	500	500	500	500	1000	1000	1000
Abrasion Cycles to Fail	<100	≥100	≥500	≥1,000	≥3,000	≥10,000	≥20,000

ANSI/ISEA PUNCTURE RESISTANCE	
ANSI Puncture Level	Puncture Resistance (newtons)
1	10-19
2	20-59
3	60-99
4	100-149
5	150+

Puncture Resistance (ANSI/ISEA 105): Puncture resistance is determined by the max force that it takes, exerted from a probe, to puncture the fabric.



### SHIELD TECHNOLOGIES

2 Mckennas View, Hill Street  
Prescot, L34 5RH - United Kingdom

Email: [info@shieldtechnologies.co.uk](mailto:info@shieldtechnologies.co.uk)  
Web : [www.shieldtechnologies.co.uk](http://www.shieldtechnologies.co.uk)