



# TECHNICAL DATA SHEET

## Stellar<sup>®</sup> S6 with Ecotek Biodegradable Technology

### Nitrile Industrial Gloves

The STELLAR S6 nitrile industrial glove was designed as the go-to solution for 6 mil hand protection. Featuring a design that ensures the fingers and palm are the right mix of durability and sensitivity for fine detail work and dependable durability, SW's MilTek production process allows not only strong, high-dexterity performance but also ensures a tear-resistant cuff that makes donning and doffing a breeze.

Recognizing that environments are sensitive to chemicals sometimes left behind in the

manufacturing of lesser gloves, SW has developed TouchTek which provides cleaner gloves and minimizes contaminants that can compromise work or add extra steps to preparation.

The STELLAR S6 is Dermatologically Approved by the Skin Health Alliance and has met stringent standards that ensure skin safety.

**TouchTek™** On the outside, TouchTek technology reduces the contamination of sensitive materials and workspaces.

On the inside, TouchTek reduces the chemicals that can be absorbed through the skin, leading to irritation or painful reactions.

**MilTek™** A technology that delivers a more consistent thickness across the entire glove, minimizing the differences from finger to palm and from palm to cuff.

**EcoTek™** Long term landfill biodegradation testing according to ATSM D5526-12 reported 95.6% biodegradation of gloves with **EcoTek™** in only 945 days.



#### PRODUCT DESCRIPTION

##### SPECIFICATIONS

PRODUCT:	Stellar S6	
GRADE:	Powder-Free Industrial	
MATERIAL:	Nitrile	
THICKNESS	Finger:	5.6mil 0.14mm
	Palm:	5.0mil 0.13mm
	Cuff:	4.1mil 0.10mm
COLOR	Outer:	Black
	Inner:	Black
SURFACE	Outer:	Fully Textured
	Inner:	Smooth
LENGTH:	229mm	
WEIGHT*:	6.1g	
FIT TYPE:	Ambidextrous	
CUFF TYPE:	Beaded	
WATERTIGHT AQL:	1.5	
ORIGIN COUNTRY:	China	

##### PHYSICAL PROPERTIES

	PRE-AGING	POST-AGING
TENSILE STRENGTH:	22 MPa	20 MPa
ELONGATION:	540%	520%
FORCE AT BREAK:		

##### INTEGRATED TECHNOLOGIES

- **TouchTek™** protects skin and prevents contamination.
- **MilTek™** offers durability and tactile sensitivity.
- Fully textured surface delivers excellent grip.
- **EcoTek™** biodegradable in only 945 days.



\*Specification based on size medium gloves

#### STANDARDS & CERTIFICATIONS

EN 420:2003  
 REACH EU 1907/2006  
 DIRECTIVE 2011/65/EU  
 EU Reg 528/2012  
 CAT III COMPLEX DESIGN  
 FDA 21 CFR 177.2600  
 Component materials comply with FDA regulations for food contact.

CE 0493



Please visit [safety.com/symbols](http://safety.com/symbols) for information on standards used on this document.

#### ORDERING

ITEM NO.	SIZE	PALM WIDTH	PACKAGING	
N716883	M	97mm	100 gloves per box	10 boxes per case
N716884	L	109mm	100 gloves per box	10 boxes per case
N716885	XL	116mm	100 gloves per box	10 boxes per case
N716886	XXL	126mm	100 gloves per box	10 boxes per case

#### APPLICATIONS

- Chemicals, Paint, Oils, Lubricants, Fuel Handling, Hydraulic Repairs & Maintenance
- Engine/ transmission maintenance and repairs, Mechanical workshops, Tyre fitting
- Aviation/ Defence and construction
- Hospitality and Food Manufacturing, Dairy
- Hairdressing, Tattoo industry, Bio-Security, Laboratories

#### STORAGE

Keep out of sunlight. Store in a cool, dry place. Keep away from sources of ozone or ignition.



# SafetyMate

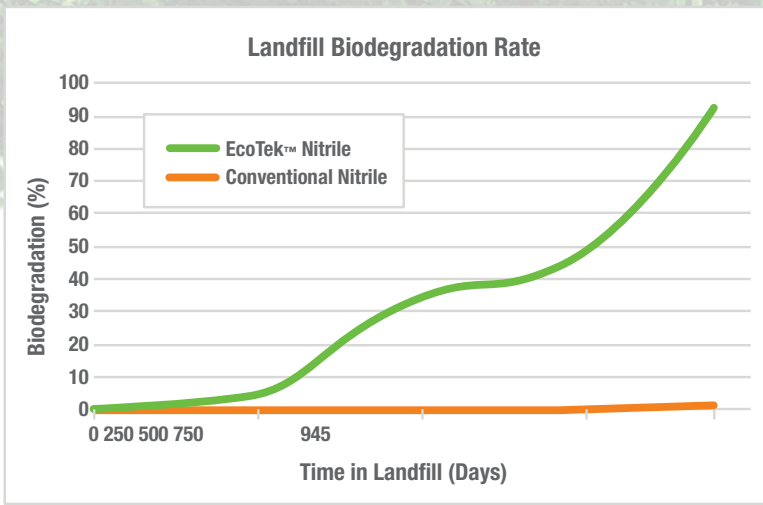


# EcoTek™ Biodegradability Technology

EcoTek™ is an important technology SW has developed in support of global sustainability initiatives. The new technology dramatically accelerates biodegradability of our nitrile gloves ultimately in landfills.

**Gloves are the Same, Only Better:**

SW nitrile gloves updated with EcoTek Biodegradability Technology deliver the same performance and comfort as the non-EcoTek gloves, but are rapidly biodegradable in landfills.



**Rapid Biodegradability:**

SW nitrile gloves with EcoTek biodegrades in landfills through the action of naturally occurring microorganisms. Long term landfill biodegradation testing according to ASTM D5526-12 has reported 95.6% biodegradation of our gloves with EcoTek in only 945 days. Non-EcoTek nitrile gloves exhibited virtually no degradation (up to only 1.1%) during the same period. ASTM D5526-12 test results do not predict future biodegradation.

**Contribution to Global Sustainability:**

SW's EcoTek Biodegradability Technology ultimately reduces waste, saving valuable landfill space by facilitating the breakdown and return of nitrile gloves to nature in timeframes that can be measured in months and years rather than centuries.

