Traffi®
THE HAND PROTECTION **SPECIALISTS**

TD02 SUSTAIN

A SUSTAINABLE FUTURE IN DISPOSABLE GLOVES

Traffi is pleased to release new innovation into the Disposable Gloves market, but in true **Traffi** style, this is innovation based, with added value & benefits for the customer, our passion.

WHAT HAVE WE ACHIEVED?

SKIN HEALTH ALLIANCE
DERMATOLOGICALLY APPROVED

Food Approved

A TECHNICAL BLEND OF NATURAL RUBBERS, NITRILE & NEOPRENE

In simple terms, we have engineered a sustainable solution in disposable gloves. In todays market when the prices of Nitrile gloves have reached unprecedented levels, we started asking ourselves, what solution could we create?

Nitrile rubber is produced using petroleum-derived materials, and is a synthetic rubber copolymer of acrylonitrile (ACN) and butadiene. This means that it is not a natural product and its actual raw material processing and production can have some detrimental effects to the environment.

With the unbelievable volume of single use disposable nitrile product now being used in the market there is an ever increasing impact on environment through the extraction, processing and transportation of raw materials. When we look at the Traffi world of sustainability we look first at the areas we can directly influence. What are the tangible things that we can actually change to make a calculable difference?

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www.traffiglove.com

YOUR CARBON NEUTRAL
HAND PROTECTION
PARTNER

CERTIFIED CARBON NEUTRAL

We choose to go back to basics, how do we create a lower environmental impact, more sustainable disposable that will help reduce CO_2e but also offer comparable and improved levels of comfort & protection to the end consumer.

So we've taken a technical approach with blends of Polymer chemistry and changed some of the raw material in a traditional Nitrile Glove, from a heavy carbon footprint, to a far more sustainable and measurable footprint.

We now introduce the Traffi Sustain Disposable Glove.

The key ingredient change is using exceptionally high quality Natural Rubber, grown in our own factory plantations in Sri Lanka, then blended with other synthetic polymers, including Nitrile, creating a master blend.

Just like some of the finest whiskies are blends to harness the greatest attributes for the overall flavour, so is chemistry in the TD02 Sustain.

BENEFITS OF TD02 SUSTAIN

- **25% Increase in stretch and comfort** so less hand fatigue
- **Its cooler to the skin**, thanks to the new 3TP technology
- Its considerably **more comfortable** and closer fit than standard nitrile, even after repeated stretching
- **Skin friendly.** It has an almost undetectable level of protein in the glove
- It is made with a higher content of raw material **sustainably produced** locally within our supply chain in Sri Lanka, so the pricing is more stable
- We have a **Traffi** dedicated production line, **so the availability is more stable**
- We are doing **considerably less harm to the environment**, (Less shipping and road miles & less petro-chemical ingredients within each pair of standard nitrile gloves) and in the future we may even reach Carbon Neutral
- Ultimately we are targeting a **biodegradable low CO_2e version** and hope you'll join us on this journey. That will give us the true circular economy on the product
- The trees that produce the natural rubber go on to be used as **Biomass** wood pellet fuel for the factory, therefore providing sustainable power and heat, **lower Carbon Footprint in production**.
- Last but not least, we've already had wearers telling us **they are using it more than once**. It holds its shape so well, maybe they are not quite as disposable as before.

1. GENERAL DETAILS

Material	Natural and Synthetic Polymer Blends
Surface treatment	Chlorinated
Colour	Blue
Geometry	Ambidextrous
Texture	Full Textured
Cuff end finishing	Beaded

2. PRODUCTION ASSURANCE

Protein content (Maximum)	20 µg/g
AQL	1.5
Sampling plan	ISO 2859 G 1 Single sampling plan

3. MANUFACTURING STANDARD & CERTIFICATION

EN 455, EN 1186
ASTM D 3578
ISO 9001:2015 and ISO 13485:2016
FSC COC Certification
ASTMD6355-07

4. DIMENSION

Size	Weight g/pc	Length (mm) Median	Palm width (mm)	Thickness		
				Cuff	Palm	Finger
Small	5.0 ± 0.2	> 230	85±5	0.08 ± 0.01	0.13 ± 0.01	0.15 ± 0.01
Medium	5.3 ± 0.2	> 230	95±5	0.08 ± 0.01	0.13 ± 0.01	0.15 ± 0.01
Large	6.0 ± 0.2	> 230	105±5	0.08 ± 0.01	0.13 ± 0.01	0.15 ± 0.01
X Large	6.5 ± 0.2	> 230	> 110	0.08 ± 0.01	0.13 ± 0.01	0.15 ± 0.01

5. CHEMICAL PROPERTIES - EN 374-1 & EN 374-5

EN ISO 374-1:2016/TYPE B	Sodium Hydroxide 40%	Ammonium Hydroxide 25%	Hydrogen Peroxide	EN ISO 374-5:2016
K O P	K	O	P	VIRUS
	Levels 6 (>480 mins)	Levels 6 (>480 mins)	Levels 2 (>30 mins)	

EN 374 -2 – Air leak and water leak passed. **EN 374 -4** – Degradation passed

6. CE MARKING CAT III

Cat. III

2777

7. PACKAGING

100 pieces per box
10 box per case
Size S- XL
Colour : Blue

8. FOOD STUFF

Food stuff Compliance EN 1186

European Regulation (EU) No 10/2011- Overall Migration

9. PHYSICAL PROPERTIES

	Before ageing	After ageing
Tensile strength -[Mpa]	≥18	≥12
Elongation at Break [%]	≥700	≥600

10. SKIN CARE

Dermatologically tested. Low extractable latex protein levels < 20 µg.

11. GLOVE CARE

Should not store under direct sunlight or at high heat & humid condition .

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