



# TEK 549-2

EN388 : 2003



4343B

## Cut Resistant Gloves



### **DESCRIPTION**

This product is a five-finger glove with a fine grey coating on the palm and on the fingers. To give the cut resistance, the gloves are knitted with a special fibre called tsunooga,

Gloves that incorporate 100% Tsunooga fibers, offer users excellent protection against cuts, without fibre glass.

The TEK 549-2 also offers very good comfort and dexterity, these items combined with a low weight and excellent wearing characteristics will last for a very long period,

#### **Double the protection**

On a weight-for-weight basis, Tsunooga gloves offer twice the level of protection demanded for the highest class in EN 388 standards.

#### **Increased comfort and flexibility**

Gloves incorporating Tsunooga fibers are more flexible, comfortable and conduct heat and moisture better than others.

## Durable

Because Tsunooga is unaffected by water or detergents, and is highly resistant to abrasion, these gloves can be washed and re-used without any loss of cut resistance

Tsunooga is basically a super strong polyethylene fibre (HPPE), developed by TOYOBO in 1983. It is manufactured by a gel spinning process, a DSM invention.

This technology, which has been patented worldwide, yields the world's strongest fibre: up to fifteen times stronger than steel and forty percent stronger than aramid fibres on a weight-for-weight basis.

Tsunooga also has a low density (it floats on water) and high resistance to abrasion, moisture, UV rays and chemicals. Its high energy absorption makes it bullet-resistant.

Super strong Tsunooga is used in high-performance protection items (lightweight bullet-resistant vests and helmets), vehicle armoring, sails, nautical ropes, fishing lines, fishing nets, cables, protective gloves and other protective clothing.

The glove is available in 6 sizes:

Extra Small ( 6 ) – Small ( 7 ) – Medium ( 8 ) – Large ( 9 ) - Extra Large ( 10 )- XXL ( 11 )

## Recommended areas of usage:

The gloves can be used for fine and delicate manipulations, it is generally recommended for use in areas where handling small very sharp components is part of the manufacturing process. These gloves provide protection against cuts and abrasions on the palm and fingers and also avoid leaving fingerprints on the surface of the component being handled.

## Storage Instructions:

**UV-stability.** Tsunooga has a better stability to sunlight than other relevant fibres. After two years of exposure 80% of the strength is retained.

## Washing Instructions:

The gloves are washable, and can be washed in a conventional washing machine, Provided the maximum wash temperature does not exceed 40 ° C (Centigrade)

It is also recommended to use non-biological detergent.

Regarding dry cleaning, Tsunooga is resistant to chemical substances and will not be affected by oil acids or other substances. The gloves can be dry cleaned,

Most important is the Drying process. The gloves should be dried at room temperature; drying by mechanical means with temperatures over 40 ° C (Centigrade) may damage the polyurethane coating, and may also shrink the glove.

The glove can also be washed and packed for cleanroom conditions,

## PERFORMANCE

This article has been tested to the required European safety regulation and satisfies the minimum demanded norms of the European directive 89/686/CEE. relating to articles of individual protection regarding health & safety norms

### Tests submitted

A) EN 420 General requirements

B) EN 388 Protection against mechanical risks.

PROTECTION LEVELS

This article is listed under CE CATEGORY 2



ANSI



	<b>Abrasion</b>	<b>Level 4</b>
	<b>Cut</b>	<b>Level 3</b>
	<b>Tear</b>	<b>Level 4</b>
	<b>Perforation</b>	<b>Level 3</b>