

## ECO PROSHIELD 4X42F

ECOPSHIELD

**Cut resistant HPPE (high performance polyethylene) glove with polyurethane coating**

Performance level	4X42F
Liner	15 GAUGE NYLON
Coating	PU
Size range	EU 6-12
Sample weight	0.028 kg
Norms	ANSI/ISEA 105:2016 EN ISO 21420:2020 EN 388:2016



EN ISO 21420

EN 388:2016



### Industries:

Assembly, Automotive, Chemical, Catering, Cleaning, Construction, Food & beverages, Industry, Logistics, Mining, Oil & Gas, Tactical



GRY

### Performance level 4X42F

EN388:2016	0	1	2	3	4	5
<b>a. Abrasion resistance (cycles)</b>	< 100	100	500	2000	8000	-
<b>b. Cut resistance (factor)</b>	< 1.2	1.2	2.5	5.0	10.0	20.0
<b>c. Tear resistance (newton)</b>	< 10	10	25	50	75	-
<b>d. Puncture resistance (newton)</b>	< 20	20	60	100	150	-

EN ISO 13997 (TDM-100 test)	A	B	C	D	E	F
<b>e. Straight blade cut resistance (newton)</b>	2	5	10	15	22	30

- Abrasion resistance: based on the number of cycles required to rub through the sample glove.
- Cut resistance: based on the number of cycles required to cut through the sample at a constant speed with a rotating blade.
- Tear resistance: based on the amount of force required to tear the sample.
- Puncture resistance: based on the amount of force required to pierce the sample with a standard sized point.
- Cut resistance according TDM100 test based on the number of cycles required to cut through the sample at a constant speed with a sliding blade.

**Extreme cut resistance**

These gloves provide the highest level of cut resistance according to the EN 388 standard, providing extreme protection against sharp edges or objects.

**Silicone free**

Contains no silicone, which is useful in situations such as working in cleanrooms and paint spraying, as silicone can otherwise interfere with coating adhesion.

**High abrasion resistance**

These gloves are built to withstand heavy use without wearing out quickly. They meet the highest level of abrasion resistance according to the EN 388 standard.

**High dexterity**

These gloves are made from the thinnest knit material available, ensuring the highest level of dexterity, comfort and protection.