

EUREKA IMPVIB IMPACT VIBRATION PROTECTIVE GLOVES

CE marked and certified in accordance with Regulation (EU) 2016/425 Personal Protective Equipment (PPE).

Certified according to the EN 388 "Protective gloves against mechanical risks" standard.

Abrasion, cut, tear, perforation values are 3X31C.

Certified according to the EN ISO 10819:2013+A1:2019 'Mechanical vibration and shock. hand-arm vibration. Measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand standad. TRM = 0,67 TRH = 0,47

ANSI cut level is A3.

This glove is suitable for use when handling high frequency tools.(>~250 Hz)



Standards



CE Mark



Category II



EN ISO

10819:2013+A1:2019



EN388 3X31C



ANSI CUT LEVEL A3

TECHNICAL INFORMATION

Protective gloves against vibration have recently become very important in reducing the hand-arm vibration syndrome that may occur as a result of vibration.

The vibrations are generated by the machine motor (rpm) or some very high frequency transient vibrating tools used.

Vibration spread properties according to the tools used are given in the table below ;

Tool Used	Flexibility	Amplitude	Vibration	Non-Periodic Vibration
Rivet guns, Impact wrenches, Impact hammers	SARI	SARI	SARI	SARI
High speed multiple tools	SARI	SARI	SARI	SARI
Angle grinders	SARI	SARI	SARI	SARI
Sanding Machines and Grinders	SARI	SARI	SARI	SARI
Nutrunners	SARI	SARI	SARI	SARI
Mower, Hedge trimmer, Leaf blower	SARI	SARI	SARI	SARI
Circular and Jig Saws	SARI	SAR I	SARI	SARI

Green: Low, Yellow: medium, Red: High

Frequency = Oscillations per second

RPM = Revolutions per minute

100 Hz = 6000 rpm, 500 Hz = 30000 rpm

Transient Vibration = High frequency is the best measure of short duration acceleration, velocity change per second and vibration strength

