

RLV3A*-Ex Intrinsically Safe & Anti-electrostatic Discharge High Visibility LED Vest

ROOBUCK

Worldwide Patents Pending: PN2014271276 PN2014101210

Zone 0, 1, 2; Group I or IIA/IIB in Temp Class T3

Roobuck LED equipped Intrinsically Safe High Visibility Safety Vest is perfect to highlight your presence making you clearly visible and safe at all times. Intrinsically safe LED Strap and anti-electrostatic discharge vest design make it suitable for petrochemical environments and underground coal mines.

By toggling the pushbutton on the Battery Box, the LED operation goes through: Constant on > Slow Flashing > Fast Flashing > Off

Models and Background Fabric colour

RLV3AR-Ex: Red

RLV3AY-Ex: Yellow

FEATURES

- Active warning without relying on any incoming light;
- Operating time 40 hours in a flashing mode using a new batteries;
- Long distance up to 300 meters in good conditions;
- Flashing light for strong virtual effect;
- Water-resistant structure for operation in any weather;
- Suit for potentially explosive environments;
- Seven sizes available.

APPROVAL/CERTIFICATE



Anti-Electrostatic Discharge & High Visibility Materials:

High visibility fabric in 100% cotton complying with AS/NZS 1906.4
3M reflective tape in 100% cotton certified for oil & gas industry



High Visibility Safety Garment:

Compliance with AS/NZS4602.1 Class D/N for Day & Night use



Intrinsically Safe LED Strap:

Ex Mark: Ex ia I Ma IP65 and Ex ia IIB T3 Ga IP65

Certificate #: IECEX TSA 15.0017

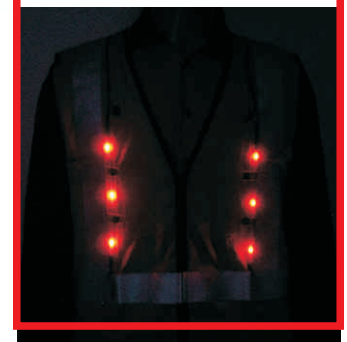
Standards: IEC 60079-0, IEC 60079-11



Passive Tape Reflection

plus

Active LED Signalling



HOW TO USE

- Check Ex Marking of this product to confirm that it meets your Ex requirements, including gas group (I/IIA/IIB), temperature class =<T3 and ambient temperature (-20 ~ +40 °C). This product has the highest Equipment Protection Level and can be used in any Ex zone.
- Choose a size according to chest size. Choose a larger size if a bulk cloth is worn.
- Do not fold sharply to avoid damaging electrical wires.
- Store away from direct sunlight and excessive heat.
- Inspect regularly and replace if it is damaged, soiled or faded, or if reflective material has ceased to function. In constant daytime use, the garments should be critically examined at 3- to 6-month intervals.
- Remove batteries if the garment is not used for a long period of time.

BATTERY REPLACEMENT

LEDs are powered by 2xAA Alkaline batteries in the Battery Box. The Battery Box can be opened by unscrewing the bolt. Place the O-Ring properly when closing the Battery Box.

Only following batteries are certified for this LED Strap. Using any other battery is strictly prohibited.

1) Brand: Energizer. Model: Max 2) Brand: Duracell. Model: Coppertop 3) Brand: Varta. Model: High Energy

Roobuck offers one year replacement warranty for LED Strap. Please send us Series Number on the Battery Box for warranty.

ROOBUCK

Address: Unit 6, 20 West St, Brookvale, NSW, 2100, Australia

Tel: 61-2-99381550

Fax: 61-2-99398532

Email: info@roobuck.com.au

Web: www.roobuck.com.au