

Reflective Safety Vest Requirement as per IS 15809: 2017

Sl. No.	Test Parameter	Requirement as per specification at least
1	Width of Brands	50 mm
2	Multiple Brands	At least equal to the width of the band (Min. 50mm in case of class 2 and 3)
3	Bands near bottom edge	Not less than 50mm above the bottom edge
4	Bands on Sleeve	Not Applicable
5	Gaps	Not more than 50 mm horizontally
6	360 band placement Cloths shall have continuous area of retroreflective material encircling the torso, placed in such a manner to provide 360o visibility of the weavers	Retro-reflective material should encircle the torso
7	<p>Minimum Area of visible material and retroreflective material</p> <p>i) Background material, m2</p> <p>ii)</p> <p>a) Retroreflective material or combined performance material used in conjunction with background material, m2</p> <p>b) Combined performance material used without background material, m2</p> <p>iii) Meter per retroreflective band width, m</p>	<p>For Class 2</p> <p>0.5</p> <p>0.13</p> <p>---</p> <p>2.6 m of 50 mm wide band</p>

Garment Design Configuration:

Two horizontal bands of retroreflective material around the torso in case of coverall	Not Applicable
Placement of retroreflective material around torso & shoulder in case of jackets and vest	One or more horizontal bands of retroreflective material around the torso and bands of retroreflective material joining the uppermost torso band from the front to the back over each shoulder
Two bands of retroreflective material should encircle the sleeves at same height as those of the torso for coveralls and jackets with full length Sleeves	Not Applicable