

ANSI / ISEA 107-2004 Garment Class Requirements

Minimum Areas of Visible Material

Requirement	Performance Class 3	Performance Class 2	Performance Class 1	Performance Class E	Headwear
Background Material	1240 in ²	775 in ²	217 in ²	465 in ²	78 in ²
Retroreflective or combined-performance material used in conjunction with background	310 in ²	201 in ²	155 in ²	108 in ²	10 in ²
Combined-performance material used without background material	NA	NA	310 in ²	NA	78 in ² Level 2 or 1
Minimum width of reflective material	2 in.	1.375 in.	1 in. or 2 in combined-performance material (without background material)	2 in.	
Minimum number of yards per retroreflective material width	4.3 yds. of 2 in.	4 yds. of 1.375 in. 2.8 yds. of 2 in.	4.3 yds. of 1 in. 3.1 yds. of 1.372 in. 2.15 yds. of 2 in.	1.5 yds. of 2 in.	
Photometric performance	Level 2 (Table 5) or Level 1 (Table 6)	Level 2 (Table 5) or Level 1 (Table 6)	Level 2 (Table 5) or Level 1 (Table 6)	Level 2 (Table 5) or Level 1 (Table 6)	Level 2 (Table 5) or Level 1 (Table 6)

This summary does not represent official, legal, or complete interpretations of the standard. If specific questions arise, the standards themselves should be referred to and relied upon.

The standards should be consulted for Tables 5 and 6.