

Difference Between Eg, Hip, Dg3

Engineer Grade Reflective (EG)

Sheeting typically meets ASTM D4956 Type 1 standards and is an enclosed film or lens using glass beads or prismatic optical technology. This material is specified for use on non-critical street and road signs such as parking signs or way-finding signs. It has less reflectivity than the other types mentioned in the original question. Standard colors are white, yellow, red, blue, green, and brown.

High Intensity Prismatic (HIP)

Sheeting meets ASTM requirement standards for D4956-09 Type III and Type IV, as well as ASTM 4956-07 Type X. It is a non-metallized micro prismatic lens reflective sheeting that is used mainly for reflective traffic and road signs, barricades or other road construction zone devices, and traffic delineators such as cones or barrels.

Diamond Grade Reflective (DG3)

Sheeting is a full cube prismatic reflective sheeting that returns almost 60% of the available light to vehicle drivers which is about double what HIP reflective sheeting reflects. DG3 reflective sheeting meets the specifications of ASTM Type XI standard.

