We claim:

1. A flexible retroreflective sheeting comprising:

an emboss layer having a front surface and an opposite back surface comprising a plurality of retroreflective elements;

a flexible backing layer in contact with the emboss layer back surface;

a first adhesive layer connected to the flexible backing layer opposite the emboss layer;

an interleaf layer having an opacity greater than 40% and connected to the first adhesive layer opposite the flexible backing layer; and

a second adhesive layer connected to the interleaf layer opposite the first adhesive layer,

wherein the emboss layer has an emboss color, and wherein the interleaf layer has an interleaf color with a CIEDE2000 color difference from the emboss color of less than 20, or

wherein the emboss layer is transparent, wherein the flexible backing layer has a backing color, and wherein the interleaf layer has an interleaf color with a CIEDE2000 color difference from the emboss color of less than 20.

2. The flexible retroreflective sheeting of claim 1, wherein the interleaf layer comprises a pigmented film.

3. The flexible retroreflective sheeting of any one of claims 1-2, having a tensile strain ranging from 30% to 200%.

4. The flexible retroreflective sheeting of any one of claims 1-3, having a force at break ranging from 20 lbf to 60 lbf.

5. The flexible retroreflective sheeting of any one of claims 1-4, having a Young's modulus ranging from 45 ksi to 275 ksi.

6. The flexible retroreflective sheeting of any one of claims 1-5, wherein the interleaf layer has a thickness ranging from 0.2 mil to 4 mil.

7. The flexible retroreflective sheeting of any one of claims 1-6, wherein the emboss layer has a thickness ranging from 0.5 mil to 10 mil.

8. The flexible retroreflective sheeting of any one of claims 1-7, wherein the ratio of the emboss layer thickness to the interleaf layer thickness ranges from 0.1 to 20.

9. The flexible retroreflective sheeting of any one of claims 1-8, wherein the interleaf layer comprises one or more polymers selected from the group consisting of polyethylene terephthalate, polyvinyl chloride, polycarbonate, ethylene-vinyl acetate, polyolefin, and polyurethane.

10. The flexible retroreflective sheeting of any one of claims 1-9, wherein the flexible backing layer comprises one or more polymers selected from the group consisting polyvinyl chloride, polycarbonate, ethylene-vinyl acetate, polyolefin, and polyurethane.

11. The flexible retroreflective sheeting of any one of claims 1-10, wherein the emboss layer comprises one or more polymers selected from the group consisting of acrylic, polycarbonate, and polyurethane.

12. The flexible retroreflective sheeting of any one of claims 1-11, wherein the flexible backing layer is directly attached to a portion of the emboss layer back surface, and wherein the flexible backing layer and the retroreflective elements define a plurality of air gaps.

13. The flexible retroreflective sheeting of any one of claims 1-12, wherein the first adhesive layer and the second adhesive layer each independently comprise a pressure sensitive adhesive.

14. The flexible retroreflective sheeting of any one of claims 1-13, further comprising:

a flexible face layer connected to the emboss layer front surface.

15. The flexible retroreflective sheeting of claim 14, wherein the flexible face layer has a thickness ranging from 1 mil to 35 mil.

16. The flexible retroreflective sheeting of claim 14 or 15, wherein the ratio of the flexible face layer thickness to the emboss layer thickness ranges from 0.1 to 70.

17. The flexible retroreflective sheeting of any one of claims 14-16, wherein the ratio of the flexible face layer thickness to the interleaf layer thickness ranges from 0.2 to 175.

18. The flexible retroreflective sheeting of any one of claims 14-17, wherein the flexible face layer comprises one or more polymers selected from the group consisting of acrylic, polycarbonate, polyolefin, and polyurethane.

19. The flexible retroreflective sheeting of any one of claims 1-18, further comprising:

a release liner attached to the second adhesive layer opposite the interleaf layer.

20. The flexible retroreflective sheeting of any one of claims 1-19, wherein the flexible backing layer has a backing color, and wherein the interleaf layer has an opacity greater than 58% and an interleaf color with a CIEDE2000 color difference from the backing color of less than 10.

21. The flexible retroreflective sheeting of any one of claims 1-20, wherein the interleaf layer has an opacity greater than 58%, and wherein the flexible retroreflective sheeting has a tensile strength ranging from 30% to 150%.

22. The flexible retroreflective sheeting of any one of claims 1-21, wherein the flexible backing layer has a backing color, wherein the interleaf layer has an interleaf color with a CIEDE2000 color difference from the backing color of less than 10, and wherein the flexible retroreflective sheeting has a tensile strength ranging from 30% to 150%.

23. A method for producing a flexible retroreflective sheeting, the method comprising:

thermally embossing an emboss layer, thereby forming a plurality of retroreflective elements on a back surface of the emboss layer;

connecting a flexible backing layer to the emboss layer back surface;

coating a first face of an interleaf layer with a first adhesive layer, and an opposite second face of the interleaf layer with a second adhesive layer, thereby forming a transfer tape; and

laminating the transfer tape to the flexible backing layer opposite the emboss layer,

wherein the emboss layer has an emboss color, and wherein the interleaf layer has an interleaf color with a CIEDE2000 color difference from the emboss color of less than 20, or

wherein the emboss layer is transparent, wherein the flexible backing layer has a backing color, and wherein the interleaf layer has an interleaf color with a CIEDE2000 color difference from the emboss color of less than 20.

24. The method of claim 23, wherein the connecting includes sealing the flexible backing layer to a portion of the emboss layer back surface, thereby defining a plurality of air gaps with the flexible backing layer and the retroreflective elements.

25. The method of claim 23 or 24, wherein the thermally embossing further attaches a flexible face layer to a front surface of the emboss layer opposite the emboss layer back surface.

26. The method of any one of claims 23-25, further comprising:

attaching a liner layer to the second adhesive layer opposite the interleaf layer.

27. A method of applying a flexible retroreflective sheeting to a surface, the method comprising:

providing a surface having an outer face;

providing the flexible retroreflective sheeting of any one of claims 1-22; and

adhering the second layer of the flexible retroreflective sheeting to the outer face of the surface.

28. The method of claim 27, wherein the surface comprises one or more polymers selected from the group consisting of polyvinyl chloride, linear low-density polyethylene, low-density polyethylene, high-density polyethylene, and polycarbonate.

29. An article comprising:

a surface having an outer face; and

the flexible retroreflective sheeting of any one of claims 1-22 adhered to the outer face of the surface.

30. The article of claim 29, wherein the surface comprises one or more polymers selected from the group consisting of polyvinyl chloride, linear low-density polyethylene, low-density polyethylene, high-density polyethylene, and polycarbonate.