CLAIMS

1. A packing element for use in a wellbore comprising:
    a sealing element positioned on an outer surface of a mandrel deployed in the wellbore, wherein the sealing element is disposed in an annulus between the mandrel and a portion of the wellbore, and wherein the sealing element comprises:
        a first cavity on an inner surface of the sealing element, the first cavity having a first size, wherein the first cavity is positioned approximate a first end of the sealing element; and
        a second cavity on the inner surface of the sealing element, the second cavity having a second size that is different from the first size, wherein the second cavity is positioned approximate a second end of the sealing element;
    a first gauge ring positioned proximate the first end of the sealing element; and
    a second gauge ring portioned proximate the second end of the sealing element.

2. The packing element of claim 1, wherein the first gauge ring comprises a substantially non-beveled contact surface that is positioned approximately perpendicular to the mandrel and is operable to apply a compressive force to the first end of the sealing element, and wherein the second gauge ring comprises a substantially non-beveled contact surface that is approximately perpendicular to the mandrel and is operable to apply a compressive force to the second end of the sealing element, and optionally, wherein the compressive force to the first end of the sealing element originates from a uni-directional force applied by a setting tool along a longitudinal axis of the packing element, and wherein the packing element is set in position in response to the uni-directional force applied by the setting tool.

3. The packing element of claim 1, wherein the first gauge ring comprises a substantially non-beveled contact surface that is positioned approximately perpendicular to the mandrel and is operable to apply a compressive force to the first end of the sealing element, and wherein the second gauge ring comprises a substantially non-beveled

contact surface that is approximately perpendicular to the mandrel and is operable to apply a compressive force to the second end of the sealing element, and optionally, wherein the compressive force to the second end of the sealing element originates from a uni-directional force applied by a setting tool along a longitudinal axis of the packing element, and wherein the packing element is set in position in response to the uni-directional force applied by the setting tool.

4. The packing element of any of claims 1-3, wherein the sealing element further comprises:
    a first garter spring integrated into an outer surface of the sealing element, wherein the first garter spring is disposed proximate the first end of the sealing element; and
    a second garter spring integrated into the outer surface of the sealing element, wherein the second garter spring is disposed proximate the second end of the sealing element, and optionally, wherein the first garter spring comprises a first outer spring and a first plurality of ball bearings disposed within the first outer spring, and wherein the second garter spring comprises a second outer spring and a second plurality of ball bearings disposed within the second outer spring.

5. The packing element of any of claims 1-3, wherein the sealing element further comprises:
    a first garter spring integrated into an outer surface of the sealing element, wherein the first garter spring is disposed proximate the first end of the sealing element; and
    a second garter spring integrated into the outer surface of the sealing element, wherein the second garter spring is disposed proximate the second end of the sealing element, and optionally, wherein the first garter spring comprises a first outer spring and a first inner spring disposed within the first outer spring, and wherein the second garter spring comprises a second outer spring and a second inner spring disposed within the second outer spring.

6. The packing element of any of the preceding claims, wherein the sealing element further comprises:

a first anti-extrusion ring integrated into an outer surface of the sealing element, wherein the first anti-extrusion ring is disposed proximate the first end of the sealing element; and

a second anti-extrusion ring integrated into the outer surface of the sealing element, wherein the second anti-extrusion ring is disposed proximate the second end of the sealing element.

7. The packing element of any of the preceding claims, further comprising:

a first wedge ring positioned between the sealing element and the mandrel, wherein the first wedge ring is disposed within the first cavity; and

a second wedge ring positioned between the sealing element and the mandrel, wherein the second wedge ring is disposed within the second cavity.

8. The packing element of any of claims 1-7, wherein a first depth of the first cavity is 10%-25% larger than a second depth of the second cavity.

9. The packing element of any of claims 1-7, wherein a first depth of the first cavity is 10%-25% smaller than a second depth of the second cavity.

10. The packing element of any of claims 1-9, wherein the first cavity has a first cross-sectional shape and a first volume, and wherein the second cavity has a second cross-sectional shape and a second volume, the first cross-sectional shape and the second cross sectional shape being similar, and wherein the first volume and the second volume are different.

11. A packing element for use in a wellbore comprising:

a sealing element positioned on an outer surface of a mandrel in an annulus between the mandrel and a portion of the wellbore, wherein the sealing element comprises a plurality of cavities having different depths and volume; and

a set of gauge rings positioned at a first end and a second end of the sealing element

12. The packing element of claim 11, further comprising:

a first garter spring integrated into an outer surface of the sealing element, wherein the first garter spring is disposed proximate the first end of the sealing element; and

a second garter spring integrated into the outer surface of the sealing element, wherein the second garter spring is disposed proximate the second end of the sealing element, and optionally,

further comprising a plurality of wedge rings positioned between the sealing element and the mandrel, wherein the plurality of wedge rings are disposed within the plurality cavities, and optionally, wherein the sealing element is manufactured from at least one of a single elastomeric material, an elastomer compound, an non-elastomeric composite, a metallic material, and a metallic matrix material.

13. A sealing element of a packing element for use in a wellbore, the sealing element comprising:

a body manufactured from an elastomer;

a first cavity on an inner surface of the body, the first cavity having a first size, wherein the first cavity is positioned proximate a first end of the body; and

a second cavity on the inner surface of the body, the second cavity having a second size that is different from the first size, wherein the second cavity is positioned proximate a second end of the body.

14. The sealing element of claim 13, further comprising:

a first garter spring integrated into an outer surface of the sealing element, wherein the first garter spring is disposed proximate the first end of the sealing element; and

a second garter spring integrated into the outer surface of the sealing element, wherein the second garter spring is disposed proximate the second end of the sealing element, and optionally, wherein the first garter spring comprises a first outer spring and a first plurality of ball bearings disposed within the first outer spring, and wherein the second garter spring comprises a second outer spring and a second plurality of ball bearings disposed within the second outer spring.

15. The sealing element of claim 14, further comprising:

a first garter spring integrated into an outer surface of the sealing element, wherein the first garter spring is disposed proximate the first end of the sealing element; and

a second garter spring integrated into the outer surface of the sealing element, wherein the second garter spring is disposed proximate the second end of the sealing element, and optionally, wherein the first garter spring comprises a first outer spring and a first inner spring disposed within the first outer spring, and wherein the second garter spring comprises a second outer spring and a second inner spring disposed within the second outer spring.