

CLAIMS:

1. An implantable prosthetic valve that is radially collapsible to a collapsed configuration and radially expandable to an expanded configuration, the prosthetic valve comprising:
 - an annular frame having an inflow end, an outflow end, and a longitudinal axis;
 - a leaflet structure positioned within the frame and secured thereto; and
 - a sealing element secured to the frame, the sealing element comprising:
 - a first woven portion extending circumferentially around the frame, the first woven portion comprising a plurality of interwoven filaments;
 - a second woven portion extending circumferentially around the frame and spaced apart from the first woven portion along the longitudinal axis of the frame;
 - wherein at least a portion of the filaments exit the weave of the first woven portion and form loops extending radially outwardly from the frame.
2. The prosthetic valve of claim 1, wherein the filaments that form the loops extend from and return to the first woven portion.
3. The prosthetic valve of claim 1, wherein:
 - the first woven portion comprises a first row of loops; and
 - the second woven portion comprises a second row of loops, the loops of the second row of loops comprising filaments that extend from and return to the second woven portion.
4. The prosthetic valve of claim 3, wherein the loops of the second row of loops are circumferentially offset from the loops of the first row of loops.
5. The prosthetic valve of claims 3 or 4, wherein:
 - the plurality of interwoven filaments of the first woven portion further comprises at least one first filament interwoven with a plurality of second filaments; and
 - a portion of the at least one first filament forms the loops of the first woven portion.
6. The prosthetic valve of claim 5, wherein:

the sealing element further comprises an intermediate sealing portion between the first and second woven portions, the intermediate sealing portion comprising a plurality of second filaments; and

a portion of the at least one first filament extends along the longitudinal axis of the frame between the first woven portion and the second woven portion, and is interwoven with the second filaments of the intermediate sealing portion.

7. The prosthetic valve of claim 6, wherein a portion of the at least one first filament forms the loops of the second woven portion.

8. The prosthetic valve of any of claims 5-7, wherein the second filaments are warp yarns and the at least one first filament is a weft yarn.

9. The prosthetic valve of claim 8, wherein at least one of the warp and weft yarns comprise textured yarns.

10. The prosthetic valve of claims 8 or 9, wherein the warp and weft yarns comprise fibers, the fibers having a diameter of from 1 μm to 20 μm to promote thrombus formation around the sealing element.

11. The prosthetic valve of claim 1, wherein the filaments that form the loops originate from the first woven portion and extend curvilinearly along the longitudinal axis of the frame to the second woven portion.

12. The prosthetic valve of claim 11, wherein the filaments that form the loops exit a weave of the first woven portion and are incorporated into a weave of the second woven portion such that the loops form a floating yarn portion between the first and second woven portions.

13. The prosthetic valve of either of claims 11 or 12, wherein the floating yarn portion comprises a first layer of loops and a second layer of loops radially outward of the first layer of loops.

14. The prosthetic valve of claim 13, wherein:
the sealing element comprises a first fabric strip, a second fabric strip, and a third fabric strip;
a plurality of the filaments that form the loops extend between the first fabric strip and the second fabric strip;
a plurality of the filaments that form the loops extend between the second fabric strip and the third fabric strip; and
the sealing element is folded about the second fabric strip such that the first fabric strip and the third fabric strip are adjacent each other to form the first woven portion, the filaments extending between the first fabric strip and the second fabric strip form the first layer of loops, and the filaments extending between the second fabric strip and the third fabric strip form the second layer of loops.

15. The prosthetic valve of any of claims 11-14, wherein the sealing element is secured to the frame such that the filaments that exit the weave of the first woven portion form the loops when the frame is in the expanded configuration, and are pulled straight when the frame is in the collapsed configuration.

16. A method of making a sealing element for a prosthetic heart valve, comprising:
weaving at least one weft yarn together with a plurality of warp yarns to form a first woven portion;
dropping the at least one weft yarn from a weave of the first woven portion;
looping the at least one weft yarn around a removable warp yarn, the removable warp yarn being spaced apart from the first woven portion, the at least one weft yarn being looped around the removable warp yarn such that the at least one weft yarn extends over, and is not interwoven with, warp yarns disposed between the first woven portion and the removable warp yarn;
reincorporating the at least one weft yarn into the weave of the first woven portion such that the at least one weft yarn forms a loop that extends from and returns to the first woven portion; and

removing the removable warp yarn from the sealing element to release the loop formed by the at least one weft yarn.

17. The method of claim 16, further comprising:

before removing the removable warp yarn, repeating the weaving, the dropping, the looping, and the reincorporating to form a plurality of loops about a circumference of the sealing element.

18. The method of claim 17, further comprising shape-setting the plurality of

loops such that the loops extend outwardly from the sealing element.

19. The method of claim 16, further comprising:

before removing the removable warp yarn, weaving the at least one weft yarn together with warp yarns such that the at least one weft yarn extends beyond the removable warp yarn and forms a second woven portion spaced apart from the first woven portion;

dropping the at least one weft yarn from a weave of the second woven portion;

looping the at least one weft yarn around a second removable warp yarn that is spaced apart from the second woven portion, the at least one weft yarn being looped around the second removable warp yarn such that the at least one weft yarn extends over, and is not interwoven with, warp yarns disposed between the second woven portion and the second removable warp yarn; and

reincorporating the at least one weft yarn into the weave of the second woven portion such that the at least one weft yarn forms a second loop that extends from and returns to the second woven portion.