What is claimed is:

1. A method of removing a fiber-reinforced wrap from a fan casing, the method comprising:

heating the fiber-reinforced wrap while on a metal support of the fan casing;

unwinding a layer of the fiber-reinforced wrap from the fan casing; and

winding the layer of the fiber-reinforced wrap onto a collection drum.

2. The method of claim 1, wherein the layer of fiber-reinforced wrap comprises polymeric fibers.

3. The method of claim 1, wherein the layer of fiber-reinforced wrap comprises fibers of poly-paraphenylene terephthalamide.

4. The method of claim 1, wherein the layer of fiber-reinforced wrap is a woven fabric.

5. The method of claim 1, wherein the fiber-reinforced wrap is heated to a temperature sufficient to soften the fiber-reinforced wrap for removal from the fan casing.

6. The method of claim 1, wherein the fiber-reinforced wrap is heated to a temperature of about 120° C. to about 200° C.

7. The method of claim 1, wherein the fiber-reinforced wrap is heated to a temperature of about 125° C. to about 185° C.

8. The method of claim 1, wherein the metal support comprises aluminum.

9. The method of claim 1, wherein the metal support comprises steel.

10. The method of claim 1, wherein the layer of fiber-reinforced wrap is passed through a tensioning roller between unwinding from the fan casing and winding onto the collection drum.

11. The method of claim 1, wherein the fiber-reinforced wrap is heated at a heated tangent line of the fan casing.

12. The method of claim 11, wherein the layer of fiber-reinforced wrap is removed from the fan casing along a release tangent line, and wherein the heated tangent line and the release tangent line are within about 60° of each other around the circumference of the fan casing.

13. The method of claim 11, wherein the layer of fiber-reinforced wrap is removed from the fan casing along a release tangent line, and wherein the heated tangent line and the release tangent line are within about 1° to about 45° of each other around the circumference of the fan casing.

14. The method of claim 1, wherein the collection drum is connected to a rolling mechanism to rotate the collection drum.