CONTROLLING A FLUID FLOW

TECHNICAL FIELD

[0001] This disclosure relates to fluid storage and transportation for medical devices.

BACKGROUND

[0002] Medical devices can be used to store and flow fluids such biopharmaceutical fluids. Medical devices can flow fluids to other medical devices for further processing or to a person for medical treatment. Medical devices must meet industry safety and cleanliness standards to keep the biopharmaceutical fluids free from contamination from the environment and the manufacturing process in order to safeguard the health of the person receiving the medical treatment.

SUMMARY

[0003] This disclosure describes technologies related to a device, a system, and a method for controlling a flow of a biopharmaceutical fluid with a biopharmaceutical flow port.

[0004] In an example implementation, a biopharmaceutical flow port includes a hose barb and an elliptic body. The hose barb includes a bore. The elliptic body is coupled to the hose barb. The elliptic body includes a flow passage, a first edge, and a second edge. The flow passage is fluidly coupled to the bore. The first edge extends from the elliptic body away from the flow passage in a first direction. The second edge extends from the elliptic body away from the flow passage in a second direction opposite the first direction.

[0005] In an aspect combinable with the example implementation, the hose barb is integrally formed with the elliptic body.

[0006] In another aspect combinable with any of the previous aspects, the hose barb includes a ridge configured to secure a conduit into fluid communication with the bore.