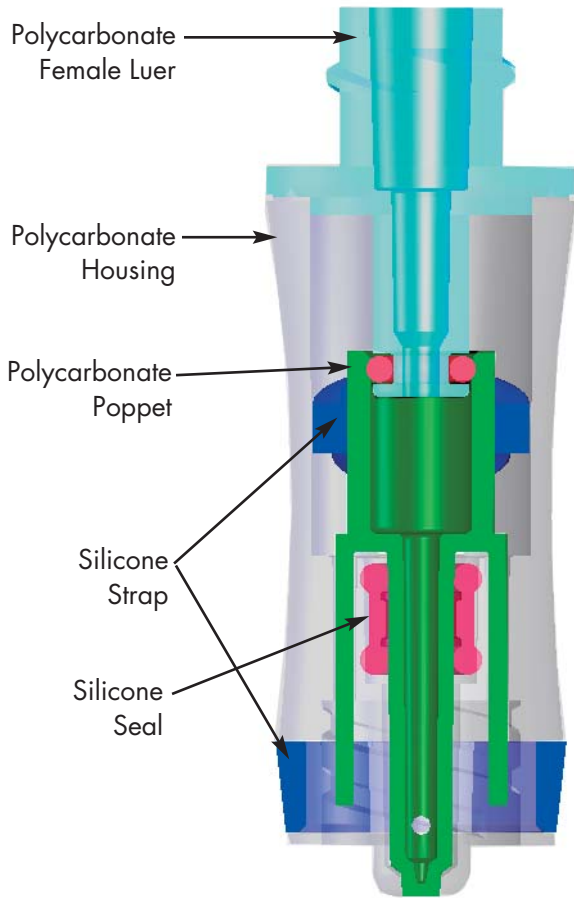


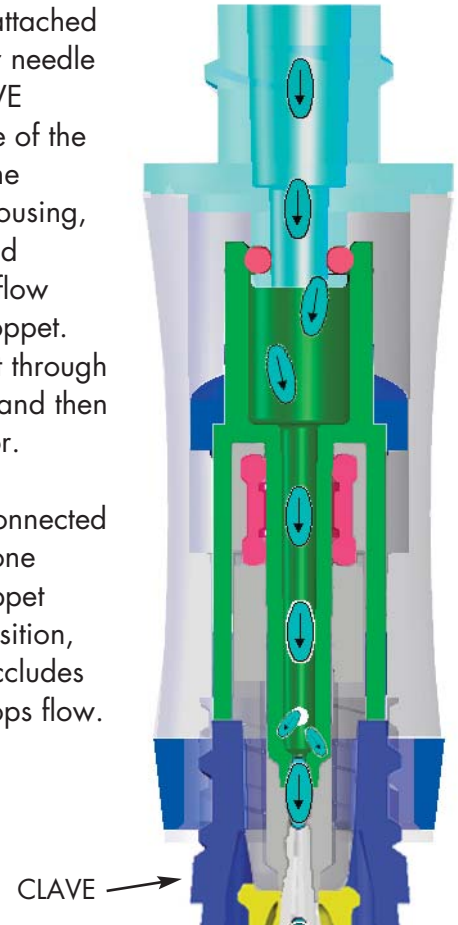
# Spiros™ Connector

by ICU Medical, Inc.



When the Spiros is attached to any female luer or needle free connector (CLAVE shown), the top edge of the female luer pushes the poppet up into the housing, releasing the seal and allowing for fluid to flow down through the poppet. fluid exits the poppet through windows on its side and then out into the connector.

When Spiros is disconnected from a luer, the silicone straps brings the poppet back to its closed position, where the very tip occludes the male luer and stops flow.



Gravity Flow Rate @36" Head Height	126mL/min
Backpressure When Unactivated	≤ 20psig
Functional Activations	10 Activations
Deadspace / Residual Volume	0.10mL
Negative Displacement Upon Disconnect	0.01 - 0.03mL
Chemotherapy / Chemical Compatibility	Lipid and alcohol based fluids. PVC & DEHP Free.
Luer Compatibility	All known NeedleFree connectors and female luers.

Test results documented in Special Evaluation 07-027t in accordance with Product Specification PS20-22 on file at ICU Medical, Inc.