

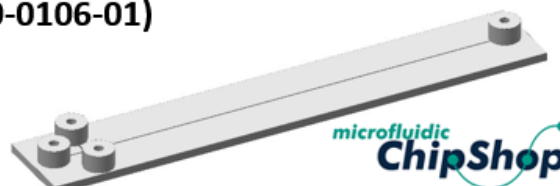


Microfluidic ChipShop Fluidic Interface Options

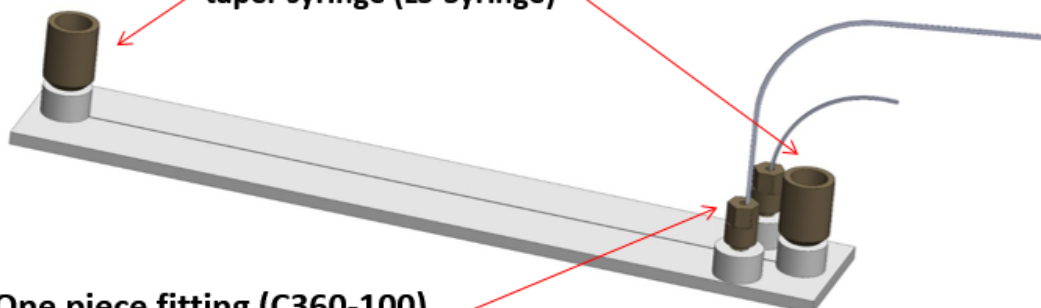
This guide shows the CapTite™ microfluidic connections required to interface with various, common types of chips available from Microfluidic ChipShop. The types of chips shown below are available through LabSmith as well as through Microfluidic ChipShop.

CapTite Chip Assembly

ChipShop CapTite™ Cross Chip (P/N: 03-0780-0106-01)
Chip has built in ports for CapTite connectors



On-Chip Reservoir (C360-405R)
Threads into bonded-port connector to hold electrode or for connection to Luer taper syringe (LS-Syringe)



One piece fitting (C360-100)
Threads into bonded-port connector for connection to capillary tubing (CAP360-150P*)

***Contact LabSmith for other compatible components**



Through Hole Chip Assembly

ChipShop Through-Hole Cross Chip (P/N: 02-0761-0201-01*)

Chip has 0.8 mm diameter holes in the top plate for channel access

One piece fitting (C360-100)
Threads into bonded-port connector
for connection to capillary tubing
(CAP360-150P*)

On-Chip Reservoir (C360-405R)
Threads into bonded-port connector to
hold electrode or for connection to Luer
taper syringe (LS-SYRINGE_LT)

One piece plug (C360-101)
Threads into bonded-port
connector to plug channel
port

Bonded Port Connector (C360-400)
Permanently bonds to through-hole
chip for leak-free connection

*Contact LabSmith for other compatible components

Olive Chip Assembly

ChipShop Straight Channel Olive Chip (P/N: 01-0186-0144-01*)

Tubing slides directly over olive connection for
leak-free connections up to 42 psi (3 bar)

Silicone Tubing (P/N: TUBE108-116SIL*)
1/16 ID, 1/8 OD

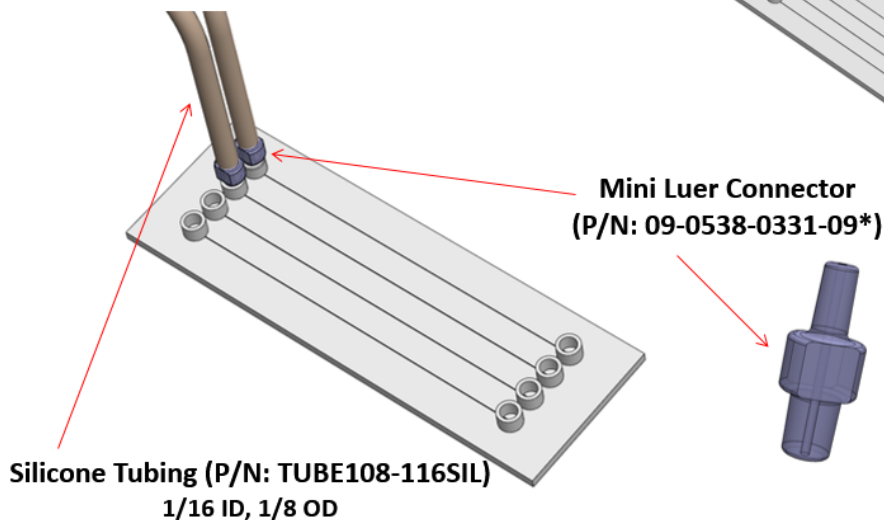
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Mini Luer Chip Assembly

ChipShop Straight Channel Mini Luer Chip (P/N: 01-0170-0144-01*)

Uses Mini Luer Connectors to interface with tubing

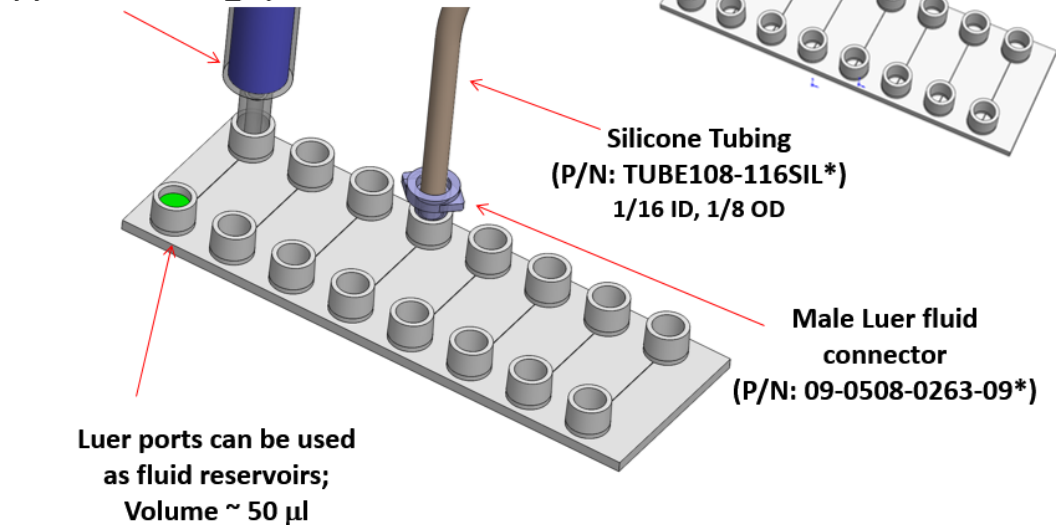


*Contact LabSmith for similar compatible components

Luer Chip Assembly

ChipShop Straight Channel Luer Chip (P/N: 01-0180-0157-01*)

Luer taper Syringe
(P/N: LS-SYRINGE_LT)



*Contact LabSmith for similar compatible components

