



New Product

Quick-Flange Spray Tube Connectors for Case Thin-Wall Stainless (TWS) Tube and Wilger Stainless Steel Tube (SST)

Bulletin Date: Mar 1, 2022
Bulletin Reference: 220301-02

WILGER

Better Engineered Sprayer Components for Over 45 Years

QUICK-FLANGE 3-piece Sprayer Boom Connector for Wilger Stainless Steel Tubing & Case Thin-wall Stainless

The QF100 3-piece flange adapter functions for two types of sprayer tubes. It is a slip fitting that assembles on a tube, sliding to the rolled or flared tube end to maintain connection to the tube.

Perfect for Recirculating Sprayer Booms



Tight boom ends inhibit chemical residue build-up

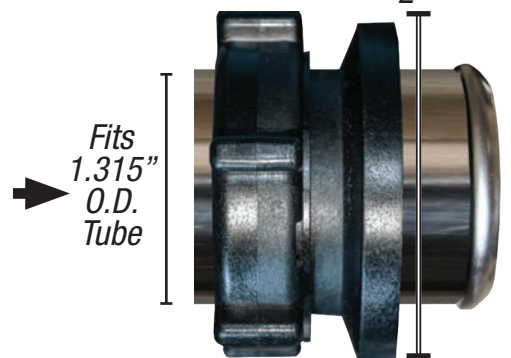
Free of threads for trouble-free maintenance



#27312-00 (3-piece adapter)

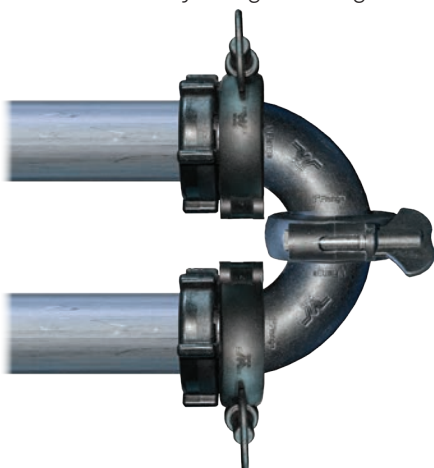


O.D. 2"

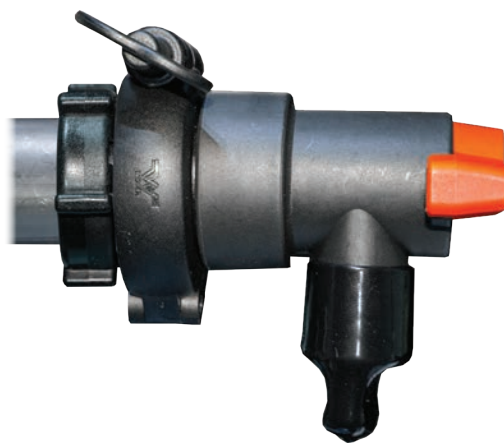


Example configurations of flanged boom fittings

Generally the intent of the boom end flange adapter is to remove all threaded fittings from a sprayer boom. Generally flanged fittings will provide a more positive seal, with less chance of leaking and maintenance.



The 3-pc adapter providing an extremely compact sweep 180° fitting for any recirculating sprayer boom configurations.



The adapter providing a compact means for a boom flush valve that is adjustable regardless of thread orientation.



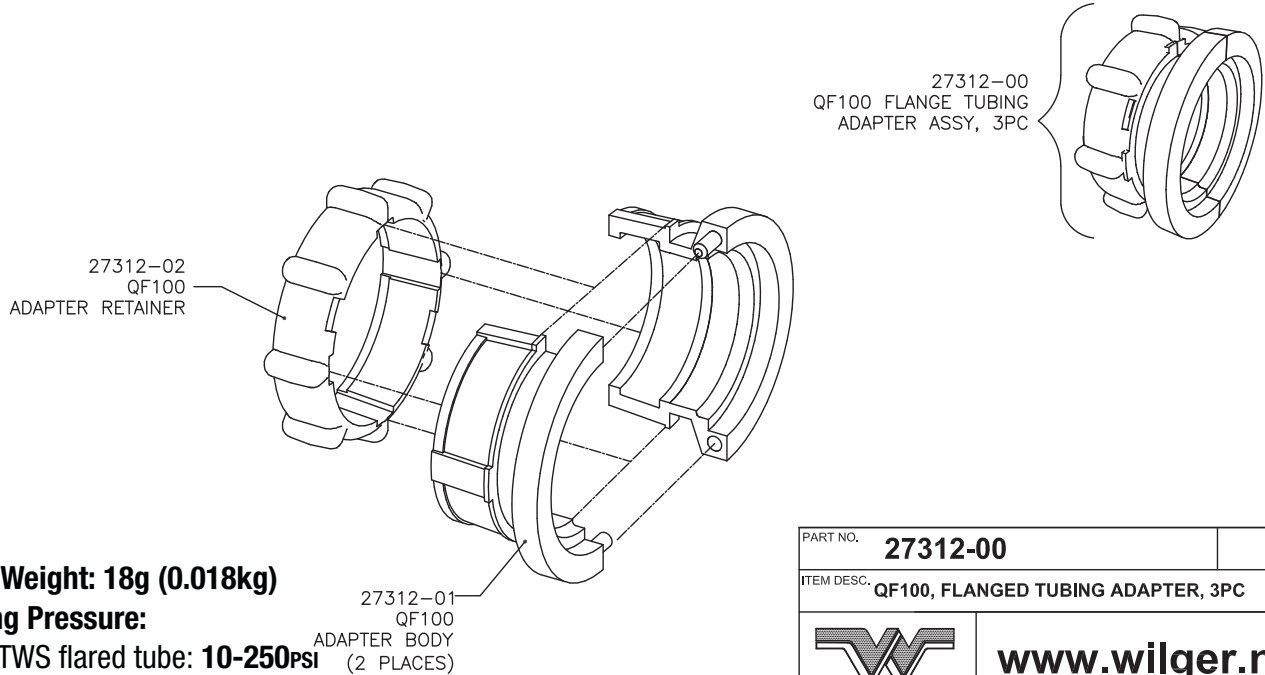
The 3-pc adapter mounting the last nozzle body with ultra-compact form factor with built in flush valve, and recirc port

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Quick-Flange Spray Tube Connectors
for Case Thin-Wall Stainless (TWS) Tube

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Quick-Flange 3-pc Sprayer Boom Connectors



Product Weight: 18g (0.018kg)

Operating Pressure:

on Case TWS flared tube: **10-250psi**
on Wilger SST rolled tube: **10-200psi**

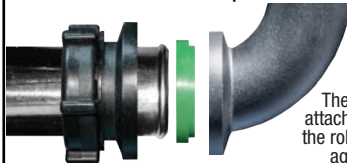
PART NO.	27312-00
ITEM DESC.	QF100, FLANGED TUBING ADAPTER, 3PC
	www.wilger.net

Tube End Overview & Necessary Seals

The QF100 3-piece flange adapter functions for two types of sprayer tubes.
Wilger's Stainless Steel Tube (SST) and Case Thin-Wall Stainless (TWS) tubes

Wilger Stainless Steel Tube (SST)

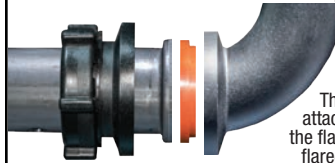
Wilger SST is identified by the stainless steel tube with a rolled profile end.



The 3-piece flange adapter attaches onto the tube ahead of the rolled end, allowing it to seal against the flange fitting.

Case Thin Wall Stainless Steel Tube (TWS)

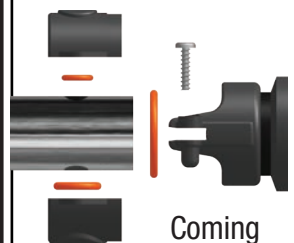
Case's thin wall stainless steel tube is identified by the stainless steel tube with a flared profile end



The 3-piece flange adapter attaches onto the tube ahead of the flared end, sealing between the flared end and the flange fitting.

For 1" Pipe

if you are looking for a flange end adapter for sch40 pipe (1.315" ID) without a flared/rolled end, look for Wilger's CUT PIPE adapter or THROUGH PIPE adapters.

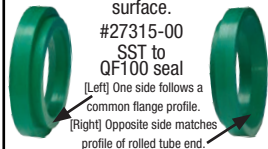


Coming June 2022!
Convert any boom pipe to remove the threaded ends

Required Seals for SST Connections

Tube to Fitting Connections

The tube-to-fitting seal mates into the #27312-00 3-pc adapter, and seals against the opposite flange surface.



#27315-00 SST to QF100 seal

[Left] One side follows a common flange profile.
[Right] Opposite side matches profile of rolled tube end.

Tube to Tube Connections

The tube-to-tube seal seals against the rolled tube end profile on both adjoining rolled tubes.

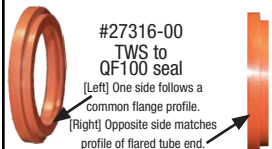


#27318-00 SST to SST seal

Required Seals for TWS Connections

Tube to Fitting Connections

The tube-to-fitting seal mates into the flared tube end, and seals against the opposite flange surface.

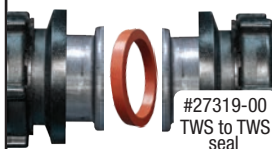


#27316-00 TWS to QF100 seal

[Left] One side follows a common flange profile.
[Right] Opposite side matches profile of flared tube end.

Tube to Tube Connections

The tube-to-tube seal seals against the flared tube end profile on both opposite tubes.



#27319-00 TWS to TWS seal

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Performance for
Over 45 Years

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