

O-ring Seal (ORS) Fittings & Components

The O-ring Seal (ORS) Fitting Advantage



**Superior
Chemical
Resistance**



**Stronger
Compact
Fittings**



**No Threads
or Sealant
Required**

Hose Barb
Inlet



Full Line of Metering Orifices
Precision metering orifices for rates
as low as 1.8 us gal/acre

1/8" to 3/8"
Push-In Tube
Quick Connect
Outlets

Color-coded
ORS Metering Orifices

Standard FKM O-ring Seals
FKM o-rings are used to maximize
chemical resistance & durability.

Compatible with Flow Indicators
Wilger ORS fittings are used for
both Flow Indicator & EFM systems

ORS to ORS Check Valves

Diaphragm check valves with an ORS-F outlet
for in-line outlet control to minimize dripping



Check Valve Style	90° Outlet	Straight
Dia. Check Valve	20550-00	20555-00
[10psi] Manual On/Off	20551-00	20556-00
[4psi] Manual On/Off	20551-P4	20556-P4
Air-Off Operated	20552-00	20557-00
For PWM/no-check	20553-00	20558-00

*4PSI check valves available: change "-00" to "-P4". For ultra-low flow (<0.01 us gpm), 4PSI may be required.

10 PSI
Manual ON/OFF
Check Valve,
Straight
20556-00



When the knob is **OPEN**, it acts as a
standard 10 PSI check valve.
When the knob is **CLOSED**, it turns off
flow to that outlet ONLY. It does not turn
off flow to any other outlets.

ORS to COMBO-JET Check Valves

Diaphragm check valves with a Combo-Jet outlet
for spray tip or cap metering or spraying.



Check Valve Style	90° Outlet
Dia. Check Valve	20560-00
[10psi] Manual On/Off	20561-00
[4psi] Manual On/Off	20561-P4
Air-Off Operated	20562-00
PWM/no-check	20563-00

**COMBO-JET Caps
& Metering Orifices**

A variety of radiallock or
COMBO-JET caps & metering
orifices are available for hose
barb, push-in-tube, spray tips,
and other adapters.



ORS Hose Barb Inlets/Outlets

O-ring seal hose barb inlets and outlets. Compatible with all ORS metering orifices.

Hose Barbs	Orientation	Part#
1/4"	Straight	20500-00
3/8"	Straight	20501-00
	90°	20511-00
1/2"	Straight	20502-00
	90°	20512-00
5/8"	90°	20514-00
3/4"	Straight	20503-00
	90°	20513-00
1"	Straight	20504-00
	90°	20515-00



ORS Outlet Adapters & Plugs

O-ring seal outlets with female threads, plugs and more.
Compatible with all ORS metering orifices for metering flow.

Type	Orientation	Part#
1/4" NPT-F	Straight	20519-00
	90°	20518-00
ORS x Sq Lug	Straight	20549-00
ORS Plug	Straight	20529-00

ORS x Square Lug adapter
adapts to any square lug
nozzle cap (e.g. Teejet/Hypro/
Varitarget). *Ensure hoses
connected are supported well.

ORS End Caps & Adapters

O-ring seal end caps are used on any ORS-M ports

Style & Size	Part#
End Cap	20521-00
Straight Hose Barb	3/8" 20544-00
	1/2" 20545-00
	3/4" 20547-00
	1" 20548-00
Push-in Tube (seals on O.D.)	1/4" 20540-00
	5/16" 20541-00
	3/8" 20542-00
	1/4" 20535-00
NPT-F Thread	3/8" 20536-00
	1/2" 20537-00
NPT-M Thread	1/4" 20530-00

ORS Splitters & Couplers

Use ORS outlet & end caps to make swiveling,
robust o-ring seal splitters, couplers and reducers.



ORS Push-in-Tube Outlets

O-ring seal quick-connect outlets that seal around the
outside diameter of a tube. Compatible with ORS orifices

Tube O.D.	Orientation	Part#
1/4"	Straight	20506-00
	Double	20509-00
	90°	20516-00
5/16"	Straight	20508-00
	90°	20528-00
3/8"	Straight	20507-00
	90°	20517-00

