

1/4" -1" POLY MICRO VALVES

FEATURES

- 90° rotating handle
- Precision molded polypropylene is reinforced with fiberglass for additional strength.
- Standard FKM seats and O-Rings except 1". 1" has PTFE seats and O-Rings.



The brand "**John Guest**" is a registered trademark of John Guest International Limited.



| MICRO VALVES | | | | | | | | | |
|--------------|-----------------------------|------------|----------------|-------------------------|-----|--|--|--|--|
| PART NO | DESCRIPTION | MAX PSI | THREAD SIZE | OPENING THRU BALL | QTY | | | | |
| LV025V | 1/4" FEMALE NPT MICRO VALVE | 300 | 1/4" | 3/8" | 1 | | | | |
| LV038V | 3/8" FEMALE NPT MICRO VALVE | 300 | 3/8" | 3/8" | 1 | | | | |
| LV050V | ½" FEMALE NPT MICRO VALVE | 300 | 1/2" | 15/32" | 1 | | | | |
| LV050SLV | ½" SIDE LOAD MICRO VALVE | 300 | 1/2" | 1/2" | 1 | | | | |



| MICRO VALVES | | | | | | | | |
|--------------|----------------------------|------------|----------------|-----------------|-----|--|--|--|
| PART NO | DESCRIPTION | MAX PSI | THREAD SIZE | OPENING THRU | QTY | | | |
| LVHB025V | 1/4" HOSE BARB MICRO VALVE | 300 | 1/4" | 3/8" | 1 | | | |
| LVHB038V | 3/8" HOSE BARB MICRO VALVE | 300 | 3/8" | 3/8" | 1 | | | |
| LVHB050V | ½" HOSE BARB MICRO VALVE | 300 | 1/2" | 3/8" | 1 | | | |
| LVHB075V | 3/4" HOSE BARB MICRO VALVE | 300 | 3/4" | 15/32" | 1 | | | |



| | | MICRO VA | LVES | | | |
|---|-------------|--|------------|----------------|-------------------------|-----|
| | PART NO | DESCRIPTION | MAX PSI | THREAD SIZE | OPENING THRU BALL | QTY |
| | LV025MTV | 1/4" FEMALE X MALE NPT MICRO VALVE | 300 | 1/4" | 3/8" | 1 |
| | LV038MTV | %"FEMALE X MALENPT MICRO VALVE | 300 | 3/8" | 3/8" | 1 |
| | LV038050MTV | 3/8" FEMALE X 1/2" MALE NPT MICRO VALVE | 300 | 3/8" x 1/2" | 3/8" | 1 |
| | LV050MTV | 1/2"FEMALE X MALE NPT MICRO VALVE | 300 | 1/2" | 15/32" | 1 |
| Ī | _V050100MTV | 1/2" FEMALE X 1" MALE NPT MICRO VALVE | 300 | 1/2" | 15/32" | 1 |



| | MICRO VA | LVES | | | |
|---------------|---|------------|----------------|-------------------------|-----|
| PART NO | DESCRIPTION | MAX PSI | THREAD SIZE | OPENING THRU BALL | QTY |
| LVHB038050MTV | 3/8"HOSE BARB X 1/2" MALE NPT MICRO VALVE | 300 | 1/2" | 3/8" | 1 |
| LVHB075MTV | 3/4" HOSE BARB X 3/4" MALE NPT MICRO VALVE | 300 | 3/4" | 1/2" | 1 |
| LVHB075100MTV | 3/4" HOSE BARB X 1" MALE NPT MICRO VALVE | 300 | 1" | 15/32" | 1 |



| MICRO VALVES | | | | | | | | |
|----------------|--|------------|----------------|-------------------------|-----|--|--|--|
| PART NO | DESCRIPTION | MAX PSI | THREAD SIZE | OPENING THRU BALL | QTY | | | |
| LVPL038MPTV | 3/8" FEMALE PUSH LOCK X 3/8" NPT MICRO VALVE FKM | 150 | 3/8" | 3/8" | 1 | | | |
| LVPL038025MPTV | 3/8" FEMALE PUSH LOCK X 1/4" NPT MICRO VALVE FKM | 150 | 1/4" | 3/8" | 1 | | | |



| | MICRO VALVES | | | | | | | | | | |
|----------|-----------------------------------|------------|----------------|-------------------------|-----|--|--|--|--|--|--|
| PART NO | DESCRIPTION | MAX PSI | THREAD SIZE | OPENING THRU BALL | QTY | | | | | | |
| LVPL025V | 1/4" FEMALE PUSH LOCK MICRO VALVE | 150 | 1/4" | 3/8" | 1 | | | | | | |
| LVPL038V | 3/8" FEMALE PUSH LOCK MICRO VALVE | 150 | 3/8" | 3/8" | 1 | | | | | | |
| LVPL050V | ½" FEMALE PUSH LOCK MICRO VALVE | 150 | 1/2" | 15/32" | 1 | | | | | | |



| MICRO VALVES | | | | | | | |
|--|-------------------------|-----|----|------|---|--|--|
| PART NO DESCRIPTION MAX THREAD OPENI THR BAL | | | | | | | |
| MLV100V | 1" MANIFOLD MICRO VALVE | 300 | 1" | 1/2" | 1 | | |

V200



V125

4 BOLTED VALVES OPENING REPLACEMENT REPAIR HANDLE KIT PIPE MAX QTY PART NO DESCRIPTION SIZE THRU V10153A V07200 V050 1/2" FULL PORT VALVE 3/4" 300 1/2" 24/box 3/4" FULL PORT VALVE 3/4" 3/4" V10153A V07200 V075 300 24/box 1" STANDARD PORT VALVE V100 225 1" 3/4" 24/box V10153A V07200 1" FULL PORT VALVE V10200 V100FP 300 1" 1" 24/box V10153A 11/4" STANDARD PORT VALVE 11/4" V10153A V10200 V125 300 1" 24/box V125FP 11/4" FULL PORT VALVE 225 11/4" 11/2" 24/box V20153 V20200 V150 225 11/2" 11/2" 24/box V20153 V20200 11/2" FULL PORT VALVE V200 2" STANDARD PORT VALVE 2" 11/2" 24/box V20153 V20200

V100FP







| VALVE ACCESSORIES | | | | | | | | |
|-------------------|---------------------------|--------------------|-----|--|--|--|--|--|
| PART NO | DESCRIPTION | FITS VALVES | QTY | | | | | |
| VL20153 | LOCKING DEVICE | V125, V150, V200 | 1 | | | | | |
| V10270 | STRAIGHT MOUNTING BRACKET | V100FP, V125 | 1 | | | | | |
| V10271 | 90° MOUNTING BRACKET | V100FP, V125 | 1 | | | | | |
| V25270 | STRAIGHT MOUNTING BRACKET | V125FP, V150, V200 | 1 | | | | | |
| V25271 | 90° MOUNTING BRACKET | V125FP, V150, V200 | 1 | | | | | |
| V10153138 | 1" X 13/8" HANDLE OFFSET | V100FP, V125 | 1 | | | | | |
| V20153138 | 2" FP X 1%" HANDLE OFFSET | V125FP, V150, V200 | 1 | | | | | |
| V25153138 | 2" FP X 1%" HANDLE OFFSET | V200FP | 1 | | | | | |

1/2" - 2" 4 BOLTED VALVES

FEATURES

- FKM seals.
- Precision molded polypropylene is reinforced with fiberglass for additional strength.
- Self-aligning ball moves freely against the PTFE seats for smooth operation. The valve opens and closes with very little pressure on the handle.
- Ball is diamond turned, after molding, to make it spherically perfect, which provides precise contact between ball and seats.
- PTFE self-lubricating stem bushings and seats cannot stick or bind.
- Stainless steel bolts.

REPAIR KIT INCLUDES:

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring

VALVE ACCESSORIES

- 304 stainless steel construction
- Installs under valve handle
- Comes complete with handle and locking device
- Padlock not included



2"-4" 6 BOLTED VALVES

FEATURES

- FKM seals.
- Precision molded polypropylene is reinforced with fiberglass for additional strength.
- Self-aligning ball moves freely against the PTFE seats for smooth operation. The valve opens and closes with very little pressure on the handle.
- Ball is diamond turned, after molding, to make it spherically perfect, which provides precise contact between ball and seats
- PTFE self-lubricating stem bushings and seats cannot stick or bind.
- Stainless steel bolts.

REPAIR KIT INCLUDES:

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring



| | 6 BOLTED VALVES | | | | | | | | | |
|-----------|---------------------------------|------------|--------------|-------------------------|-------|-----------------------|---------------|--|--|--|
| PART NO | DESCRIPTION | MAX PSI | PIPE SIZE | OPENING THRU BALL | QTY | REPLACEMENT HANDLE | REPAIR KIT | | | |
| V200FP | 2" FULL PORT VALVE | 225 | 2" | 2" | 8/box | V25153 | V25200 | | | |
| V300 | 3" STANDARD PORT VALVE | 225 | 3" | 21/2" | 8/box | V25153 | V30200 | | | |
| V300FP | 3" FULL PORT VALVE | 200 | 3" | 3" | 6/box | V25153 | V35200 | | | |
| V400 | 4" STANDARD PORT VALVE | 100 | 4" | 31/2" | 4/box | V25153 | V40200 | | | |
| VFMT200FP | 2" FULL PORT VALVE W/ F ADAPTER | 225 | 2" | 2" | 6/box | V25153 | V25200 | | | |

VALVE ACCESSORIES

- Stainless steel hardware
- Locks in open and closed positions
- Locking handle replaces standard handle (sold separately)
- Padlock not included







| VALVE ACCESSORIES | | | | | | | | |
|-------------------|---------------------------|---|-----|--|--|--|--|--|
| PART NO | DESCRIPTION | FITS VALVES | QTY | | | | | |
| VL25153 | LOCKING HANDLE | V200FP, V300, V300FP, V400, VFMT200FP, VFMT200FPSH | 1 | | | | | |
| V25270 | STRAIGHT MOUNTING BRACKET | V200FP, V300, V300FP, V400, VFMT200FP, VFMT200FPSH | 1 | | | | | |
| V25271 | 90° MOUNTING BRACKET | V200FP, V300, V300FP, V400, VFMT200FP, VFMT200FPSH | 1 | | | | | |





| | 4 BOLTED FULL PORT VALVES | | | | | | | | |
|-----------|---|------------|--------------|-------------------------|-------|-----------------------|---------------|--|--|
| PART NO | DESCRIPTION | MAX PSI | PIPE SIZE | OPENING THRU BALL | QTY | REPLACEMENT HANDLE | REPAIR KIT | | |
| VFMT204FP | 2" FULL PORT VALVE MALE NPT X MALE ADAPTER | 150 | 2" | 2" | 6/box | V25153 | V25200 | | |
| V204FP | 2" FULL PORT VALVE | 150 | 2" | 2" | 8/box | V25153 | V25200 | | |



VSF200FPAF



VSMT200FPAF

| | 4 BOLTED FULL PORT VALVES | | | | | | | | |
|--------|---------------------------|---|------------|--------------|-------------------------|-------|-----------------------|---------------|--|
| PAR | T NO | DESCRIPTION | MAX PSI | PIPE SIZE | OPENING THRU BALL | QTY | REPLACEMENT HANDLE | REPAIR KIT | |
| VSF20 | 0FPAF | 2" FULL PORT VALVE MALE ADAPTER X 2" ANSI FLANGE | 200 | 2" | 2" | 6/box | V25153SH | VS25200 | |
| VSMT20 | 00FPAF | 2" FULL PORT VALVE | 200 | 2" | 2" | 6/box | V25153SH | VS25200 | |

2" FULL PORT BOLTED BALL VALVES

FEATURES

- FKM seals
- Stainless steel bolts
- PTFE self-lubricating stem bushings and seats cannot stick or bind
- Precision molded in fiberglass reinforced polypropylene
- Self-aligning ball moves freely against the PTFE seats for smoother operation
- Valve opens and closes with very little pressure on the handle
- Ball is diamond turned after molding to make it spherically perfect, which provides precise contact between ball and seats

REPAIR KIT INCLUDES:

- Ball
- Body gasket
- Thrust washer
- Ball seats
- · Upper stem bushing
- Stem o-ring

2" FULL PORT ANSI FLANGE BOLTED BALL VALVES

FEATURES

- 100% PTFE seats
- FKM seals
- Glass-filled polypropylene
- Unique compact design
- Lightweight
- Gaskets featured on page 73

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring





2" STANDARD PORT STUBBY BALL VALVES

FEATURES

- · Stainless steel bolts
- Glass reinforced polypropylene
- Multiple design options
- Unique patented compact design
- Lightweight
- All PTFE seals

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring



| 2" STANDARD PORT STUBBY VALVES | | | | | | | | | | | |
|--------------------------------|---------------------------------|------------|--------------|-------------------------|--------|-----------------------|---------------|--|--|--|--|
| PART NO | DESCRIPTION | MAX PSI | PIPE SIZE | OPENING THRU BALL | QTY | REPLACEMENT HANDLE | REPAIR KIT | | | | |
| VSF200 | 2" MALE ADAPTER X 2" FEMALE NPT | 100 | 2" | 11/2" | 24/box | VS20152SH | VS20200 | | | | |
| VSMT200 | 2" MALE NPT X 2" FEMALE NPT | 100 | 2" | 11/2" | 24/box | VS20152SH | VS20200 | | | | |
| VSFMT200 | 2" MALE ADAPTER X 2" MALE NPT | 225 | 2" | 11/2" | 24/box | VS20152SH | VS20200 | | | | |
| VSFHB200 | 2" MALE ADAPTER X 2" HOSE BARB | 100 | 2" | 11/2" | 24/box | VS20152SH | VS20200 | | | | |







VSF204FP



VS204FP





VSFMT204HSFP

2" STANDARD PORT STUBBY VALVES OPENING THRU BALL MAX PSI PIPE SIZE REPLACEMENT HANDLE REPAIR KIT PART NO DESCRIPTION QTY VSMT204FP 2" MALE NPT X 2" FEMALE NPT 200 2" 2" 18/BOX VS25153 VS25200 VSF204FP 2" MALE ADAPTER X 2" FEMALE NPT 100 2" 2" 18/BOX VS25153 VS25200 VS204FP 2" FEMALE NPT X 2" FEMALE NPT 225 2" 18/BOX VS25153 VS25200 VSFMT204FP 2" MALE ADAPTER X 2" MALE NPT 150 2" 2" 18/BOX VS25153 VS25200 2" FP MALE ADAPTER X 2" MALE NPT W/ SS BALL, STEM & HANDLE VSFMT204HSFP 150 2" 18/BOX VS25153SS VSSH25200

2" FULL PORT STUBBY BALL

FEATURES

VALVES

- Stainless steel bolts
- 100% PTFE ball seats
- · Glass reinforced polypropylene
- Unique patented compact design
 - Lightweight
- FKM body seals

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring

VALVES

CRUCKFIEXQuick-Couplings for Tubes and Hoses

3" STANDARD PORT STUBBY BALL VALVES

FEATURES

- Stainless steel bolts
- Glass reinforced polypropylene
- FKM body seals
- Unique patented compact design
- Lightweight
- · All PTFE seals

REPAIR KIT INCLUDES:

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring



| | 3" STANDARD PORT STUBBY VALVES | | | | | | | | | | |
|----------|---------------------------------|------------|--------------|-------------------------|-------|-----------------------------------|--------------------------------|---------------|--|--|--|
| PART NO | DESCRIPTION | MAX PSI | PIPE SIZE | OPENING THRU BALL | QTY | REPLACEMENT HANDLE STRAIGHT | REPLACEMENT HANDLE SHORT | REPAIR KIT | | | |
| VSF300 | 3" FEMALE NPT X 3" MALE ADAPTER | 100 | 3" | 21/2" | 6/box | V25153 | V25153SH | VS30200 | | | |
| VSMT300 | 3" FEMALE NPT X 3" MALE NPT | 100 | 3" | 21/2" | 6/box | V25153 | V25153SH | VS30200 | | | |
| VSFMT300 | 3" MALE NPT X 3" MALE ADAPTER | 225 | 3" | 21/2" | 6/box | V25153 | V25153SH | VS30200 | | | |

3" FULL PORT STUBBY BALL VALVES

FEATURES

- Stainless steel bolts
- · Glass reinforced polypropylene
- FKM body seals
- Unique patented compact design
- Lightweight
- All PTFE ball seats

- Ball
- Body gasket
- Thrust washer
- Ball seats
- Upper stem bushing
- Stem o-ring



| 3" FULL PORT STUBBY VALVES | | | | | | | | | | |
|----------------------------|---|-------------------------|-----|-----------------------|---------------|-----------|-----------|--|--|--|
| PART NO | DESCRIPTION | OPENING THRU BALL | QTY | REPLACEMENT HANDLE | REPAIR KIT | | | | | |
| VSFMT300FP | 3" FULL PORT MALE ADAPTER X 3" MALE NPT | 100 | 3" | 3" | 6/box | V25153 | VS35200 | | | |
| VSFMT300HSFP | 3" FULL PORT MALE ADAPTER X 3" MALE NPT W/SS BALL, STEM & HANDLE | 100 | 3" | 3" | 6/box | VS30153SS | VSSH35200 | | | |











V200BL

3 WAY BOTTOM LOAD VALVES OPFNING REPLACEMENT PIPE **HANDLE** REPAIR MAX PART NO DESCRIPTION QTY THRU SIZE HANDLE PSI TYPE KIT BALL V075BL 3/4" 3-WAY BOTTOM LOAD VALVE 200 3/4" 1" 18/hox Т V10353TB V10300SL Т V100BL 1" 3-WAY BOTTOM LOAD VALVE 225 1" 1" 18/box V10353TB V10300SL V125BL 11/4" 12/box Т V20353TB V15300SL 11/4" 3-WAY BOTTOM LOAD VALVE 300 11/2" V150BL 11/2" 3-WAY BOTTOM LOAD VALVE 225 11/2" 11/2" 12/box Т V20353TB V15300SL V200BL 2" 3-WAY BOTTOM LOAD VALVE 200 2" 2" 8/box **STRAIGHT** V25353B V25200BL

3 WAY BOTTOM LOAD BALL VALVES

FEATURES

- Stainless steel bolts
- Precision molded in fiberglass reinforced polypropylene for additional strength
- Self-aligning ball moves freely against the PTFE seats for smooth operation
- Ball is diamond turned after molding to make it spherically perfect, which provides precise contact between ball and seats
- PTFE self-lubricating stem bushings and seats
- FKM body seals
- Directional flow, right or left.
 Valve can be turned off to stop flow







V100SL V150SL

3 WAY SIDE LOAD VALVES **OPENING** REPLACEMENT HANDLE REPAIR KIT HANDLE TYPE MAX PSI PIPE PART NO DESCRIPTION THRU QTY BALL 3/4" STRAIGHT V10153A V075SL 3/4" 3-WAY SIDE LOAD VALVE 200 1" 18/box V10300SL V100SL 1" 3-WAY SIDE LOAD VALVE 200 1" 1" 18/box **STRAIGHT** V10153A V10300SL 11/4" 3-WAY SIDE LOAD VALVE 11/4" V15300SL V125SL 300 11/2" 12/box Τ V20353TS V150SL 11/2" 3-WAY SIDE LOAD VALVE 11/2" 11/2" Т V20353TS V15300SL 12/box V200SL 2" 3-WAY SIDE LOAD VALVE 225 2" 2" **STRAIGHT** V25153SH V25200BL 8/box

3 WAY SIDE LOAD BALL VALVES

- Stainless steel bolts
- Precision molded in fiberglass reinforced polypropylene for additional strength
- Self-aligning ball moves freely against the PTFE seats for smooth operation
- Ball is diamond turned after molding to make it spherically perfect, which provides precise contact between ball and seats
- PTFE self-lubricating stem bushings and seats
- FKM body seals
- Directional flow, right or left.
 Valve cannot be turned off to stop flow



11/2" - 2" NOZZLE VALVES

FEATURES

- Lightweight hose end valve for convenient transfer of liquids into drums, tanks etc
- Angled end flange with 8" long polypropylene fill spout
- · All stainless steel bolts

REPAIR KIT INCLUDES:

- Ball
- Body gasket
- Thrust washer
- Ball seats
- · Upper stem bushing
- Stem o-ring



| | 1½"-2" NOZZLE VALVES | | | | | | | | | | | |
|---------|-----------------------------------|------------|--------------|-------------------------|---------------|--------|-----------------------|---------------|--|--|--|--|
| PART NO | DESCRIPTION | MAX PSI | PIPE SIZE | OPENING THRU BALL | FEMALE NPT | QTY | REPLACEMENT HANDLE | REPAIR KIT | | | | |
| VA150 | 1½" NOZZLE VALVE WITH 90° ELBOW | 225 | 1½" x 8" | 11/2" | 1½" | 12/box | V20152 | V20200 | | | | |
| VA200 | 2" NOZZLE VALVE WITH 90° ELBOW | 200 | 2" x 8" | 11/2" | 2" | 12/box | V20152 | V20200 | | | | |
| VA200FP | 2" FP NOZZLE VALVE WITH 90° ELBOW | 225 | 2" x 8" | 2" | 2" | 6/box | V25152 | V25200 | | | | |

1" DISPENSING NOZZLES

FEATURES

- · Glass reinforced polypropylene
- 304 stainless steel handle, spring and pin
- FKM rubber parts only
- Resists corrosion

REPAIR KIT INCLUDES:

- Ball
- Body gasket
- Thrust washer
- Ball seats
- · Upper stem bushing
- · Stem o-ring



VN100 V10161

| 1" DISPENSING NOZZLE | | | | | | | | | | |
|----------------------|--|------------|--------------|-------------------------|---------------|-----|-----------------------|---------------|--|--|
| PART NO | DESCRIPTION | MAX PSI | PIPE SIZE | OPENING THRU BALL | FEMALE NPT | QTY | REPLACEMENT HANDLE | REPAIR KIT | | |
| VN100 | 1" DISPENSING NOZZLE | 150 | 1" | N/A | 1" | 1 | VN10253 | VN10200 | | |
| V10161 | 1" NOZZLE PIPE FOR USE WITH V100, V100FP, UV100FP, SUV100FP | N/A | 1" | N/A | 1" | 1 | | | | |







SUV125FP

MSUV100FP

| 1/2"-2" SINGLE UNION SPINWELD VALVES | | | | | | | | | |
|--------------------------------------|--|------------|--------------|-------------------------|-----|--|--|--|--|
| PART NO | DESCRIPTION | MAX PSI | PIPE SIZE | OPENING THRU BALL | QTY | | | | |
| SUV050FP | ½" FULL PORT SINGLE UNION SPINWELD VALVE | 300 | 1/2" | 1/2" | 1 | | | | |
| SUV075FP | 3/4" FULL PORT SINGLE UNION SPINWELD VALVE | 300 | 3/4" | 3/4" | 1 | | | | |
| SUV100FP | 1" FULL PORT SINGLE UNION SPINWELD VALVE | 300 | 1" | 1" | 1 | | | | |
| SUV125FP | 11/4" FULL PORT SINGLE UNION SPINWELD VALVE | 300 | 11/4" | 11/4" | 1 | | | | |
| SUV150FP | 11/2" FULL PORT SINGLE UNION SPINWELD VALVE | 300 | 1½" | 11/2" | 1 | | | | |
| SUV200FP | 2" FULL PORT SINGLE UNION SPINWELD VALVE | 200 | 2" | 2" | 1 | | | | |
| MSUV100FP | 1" MANIFOLD FULL PORT SINGLE UNION SPINWELD VALVE | 300 | | 1" | 1 | | | | |



| | 1/2"-2" SINGLE UNION VALVES | | | | | | | | |
|---------|------------------------------------|------------|--------------|-------------------------|-----|--|--|--|--|
| PART NO | DESCRIPTION | MAX PSI | PIPE SIZE | OPENING THRU BALL | QTY | | | | |
| UV050FP | ½" FULL PORT SINGLE UNION VALVE | 300 | 1/2" | 3/4" | 1 | | | | |
| UV075FP | 3/4" FULL PORT SINGLE UNION VALVE | 300 | 3/4" | 3/4" | 1 | | | | |
| UV100FP | 1" FULL PORT SINGLE UNION VALVE | 300 | 1" | 1" | 1 | | | | |
| UV125FP | 11/4" FULL PORT SINGLE UNION VALVE | 225 | 11/4" | 11/4" | 1 | | | | |
| UV150FP | 1½" FULL PORT SINGLE UNION VALVE | 200 | 11/2" | 11/2" | 1 | | | | |
| UV200FP | 2" FULL PORT SINGLE UNION VALVE | 300 | 2" | 2" | 1 | | | | |

1/2" - 2" SINGLE UNION SPINWELD VALVES

FEATURES

- Precision molded in glass reinforced polypropylene for strength and chemical resistance
- PTFE seats for smooth and proper sealing characteristics
- EPDM O-rings to handle most fertilizers and many chemicals
- Double O-rings in stem area for extra sealing protection
- Interlocking body and end plate to allow easy thread connection when installing valves

1/2" - 2" SINGLE UNION VALVES

- Precision molded in glass reinforced polypropylene for strength and chemical resistance
- PTFE seats for smooth and proper sealing characteristics
- Double O-rings in stem area for extra sealing protection
- Interlocking body and end plate to allow easy thread connection when installing valves

CRUCKFLEXQuick-Couplings for Tubes and Hoses

1/2" - 3" CHECK VALVES

FEATURES

- One piece construction
- · Glass reinforced polypropylene
- 316 stainless steel springs
- EPDM gasket



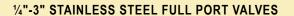


| | 1/2"-3" CHECK VALVES | | | |
|---------|---|------------|--------------|-----|
| PART NO | DESCRIPTION | MAX PSI | PIPE SIZE | QTY |
| CV050 | ½" CHECK VALVE | 300 | 1/2" | 1 |
| CV100MT | 1" MALE X FEMALE NPT CHECK VALVE | 300 | 1" | 1 |
| CV100 | 1" CHECK VALVE | 300 | 1" | 1 |
| CV221 | 2" FULL PORT CHECK VALVE | 300 | 2" | 1 |
| CV300 | 3" FULL PORT CHECK VALVE W/ 5 LB SPRING | 300 | 3" | 1 |
| CV301 | 3" FULL PORT CHECK VALVE W/½ LB SPRING | 300 | 3" | 1 |

1/4" - 3" STAINLESS STEEL FULL PORT VALVES

FEATURES

- 316 stainless steel
- Blow out proof stem
- All valves 100% tested by air, under water at 100 PSI in open and closed positions
- Latch locking handle performs in both open and closed positions
- Mounting pad
- PTFE seals and seats



| PART NO | DESCRIPTION | MAX PSI | PIPE SIZE | OPENING THRU BALL | QTY | REPAIR KIT |
|---------|-------------------------|------------|--------------|-------------------------|-----|---------------|
| VSS025 | 1/4" SS FULL PORT VALVE | 1000 | 1/4" | 1/4" | 1 | VSS02500 |
| VSS038 | 3/8" SS FULL PORT VALVE | 1000 | 3/8" | 3/8" | 1 | VSS02500 |
| VSS050 | ½" SS FULL PORT VALVE | 1000 | 1/2" | 1/2" | 1 | VSS05200 |
| VSS075 | 3/4" SS FULL PORT VALVE | 1000 | 3/4" | 3/4" | 1 | VSS07200 |
| VSS100 | 1" SS FULL PORT VALVE | 1000 | 1" | 1" | 1 | VSS10200 |
| VSS150 | 1½" SS FULL PORT VALVE | 1000 | 1½" | 11/2" | 1 | VSS15200 |
| VSS200 | 2" SS FULL PORT VALVE | 1000 | 2" | 2" | 1 | VSS25200 |
| VSS300 | 3" SS FULL PORT VALVE | 1000 | 3" | 3" | 1 | VSS35200 |

3/4" - 1" PINCH VALVES

- Open position allows full unobstructed flow of 50-60 GPM
- Air pressure collapses the internal rubber sleeve to provide positive shut off
- Standard EPDM rubber bladder seal and FKM available
- Female NPT threads
- ATTENTION: Normally an open valve and has a maximum liquid pressure of 70 PSI. Pressure differential = pressure it takes to close valve



| 3/4"-1" PINCH VALVES | | | | | | | | | | | |
|----------------------|---------------------------------------|--------|------------|--------------|--------------------------|-----|--|--|--|--|--|
| PART NO | DESCRIPTION | GASKET | MAX PSI | PIPE SIZE | PRESSURE DIFFERENTIAL | QTY | | | | | |
| PV075 | 3/4" X 3/4" PINCH VALVE | EPDM | 300 | 3/4" | 15 TO 20 PSI | 1 | | | | | |
| PV100 | 1" X 1" PINCH VALVE | EPDM | 300 | 1" | 15 TO 20 PSI | 1 | | | | | |
| PV100V | 1" X 1" PINCH VALVE | FKM | 300 | 1" | 15 TO 20 PSI | 1 | | | | | |
| PV100-075 | 1" X ¾" PINCH VALVE | EPDM | 300 | 1" X ¾" | 15 TO 20 PSI | 1 | | | | | |
| PV100-075V | 1" X 3/4" PINCH VALVE | FKM | 300 | 1" X ¾" | 15 TO 20 PSI | 1 | | | | | |
| PV100-075B | 1" X ¾" FEMALE COUPLER PINCH VALVE | EPDM | 300 | 1" X ¾" | 15 TO 20 PSI | 1 | | | | | |
| PV10265 | BLADDER | EPDM | N/A | | | 1 | | | | | |
| PV10265V | BLADDER | FKM | N/A | | | 1 | | | | | |