



On-Off device to control the water flow in low pressure irrigation systems.

Features

- Simple on-off operation and straight through flow.
- Operating pressure range up to 45 psi.
- Green Back® cap for standard irrigation applications.
- Purple Back® cap for recycled water applications.

Applications

Secondary zone water diversion and flow control.

Always install as an inline valve with tubes connected to both inlet and outlet.



Vari-Flow™
barb x barb



Vari-Flow™
thread x thread



Green Back® Valve



Purple Back® Valve

Vari-Flow™ Valves

| TYPE | PART NUMBER | PACK QUANTITY | PACKS PER CARTON | CARTON (lbs) |
|--|-------------|---------------|------------------|--------------|
| VARI-FLOW™ VALVE barb x barb 0.18" | 42155 | 50 | 50 | 14.8 |
| VARI-FLOW™ VALVE 10-32 UNF thread x 0.18" barb | 42135 | 50 | 50 | 15.1 |
| VARI-FLOW™ VALVE thread x thread 10-32 UNF | 42115 | 50 | 50 | 14.5 |

Green Back® Valves

| TYPE | PART NUMBER | PACK QUANTITY | PACKS PER CARTON | CARTON (lbs) |
|---|-------------|---------------|------------------|--------------|
| GREEN BACK® VALVE 13mm - 1/2" (tube .520 ID) | 45505 | 25 | 20 | 21.4 |
| GREEN BACK® VALVE 14mm - 1/2" (tube .525 - .590 ID) | 45575 | 25 | 20 | 21.4 |
| GREEN BACK® VALVE 15mm - 1/2" (tube .580 - .590 ID) | 45555 | 25 | 20 | 21.4 |
| GREEN BACK® VALVE 16mm - 5/8" (tube .570 - .620 ID) | 45515 | 25 | 20 | 23.6 |
| GREEN BACK® VALVE 18mm - (tube .660 - .720 ID) | 45565 | 25 | 8 | 20.2 |
| GREEN BACK® VALVE 19mm - (tube .748 ID) | 45525 | 25 | 8 | 22.3 |
| GREEN BACK® VALVE 21mm - 3/4" (tube .810 - .820 ID) | 45535 | 25 | 8 | 20.7 |
| GREEN BACK® VALVE 25mm - 1" (tube 1.050 ID) | 45545 | 25 | 3 | 14.7 |

Purple Back® Valves

| TYPE | PART NUMBER | PACK QUANTITY | PACKS PER CARTON | CARTON (lbs) |
|--|-------------|---------------|------------------|--------------|
| PURPLE BACK® VALVE 13mm - 1/2" (tube .520 ID) | 46505 | 25 | 20 | 21.4 |
| PURPLE BACK® VALVE 16mm - 5/8" (tube .570 - .620 ID) | 46515 | 25 | 20 | 23.6 |
| PURPLE BACK® VALVE 21mm - 3/4" (tube .810 - .820 ID) | 46535 | 25 | 8 | 20.7 |
| PURPLE BACK® VALVE 25mm - 1" (tube 1.050 ID) | 46545 | 25 | 3 | 14.7 |

Specifications: Vari-Flow™ Valves

| DIMENSIONS ASSEMBLED | BARB | THREAD |
|-------------------------|--------------------------|--------------------------|
| HEIGHT | 0.8" | 0.8" |
| LENGTH | 1.6" | 1.6" |
| WIDTH | 0.6" | 0.6" |
| WEIGHT (approx) | 0.1 oz | 0.1 oz |
| UV STABILIZED MATERIALS | BODY acetal KNOB HDPE | BODY acetal KNOB HDPE |
| BASE/CONNECTION TYPE | BARB 0.18" | 10-32 UNF THREAD 0.18" |

Specifications: Green Back® Valves and Purple Back® Valves

| DIMENSIONS ASSEMBLED | 13mm, 14mm 15mm, 16mm | 18mm, 21mm | 25mm |
|-------------------------|---|---|---|
| HEIGHT | 1.6" | 2.4" | 2.8" |
| LENGTH | 3.2" | 3.9" | 4.9" |
| WIDTH | 1.1" | 1.6" | 2.1" |
| WEIGHT (approx) | 0.64 oz | 1.7 oz (18mm) 1.8 oz (21mm) | 2.9 oz |
| UV STABILIZED MATERIALS | BODY acetal STEM polypropylene COVER acetal | BODY acetal STEM polypropylene COVER acetal | BODY acetal STEM polypropylene COVER acetal |
| BASE/CONNECTION TYPE | BARB | BARB | BARB |



Threaded flow control valves for low pressure irrigation systems.

Features

- 1/2" MNPT & 3/4" MNPT threaded inlet options.
- Simple on-off operation and straight through flow.
- Operating pressure range up to 45 psi.
- Green Back® cap for standard irrigation applications.
- Purple Back® cap for recycled water applications.

Applications

Individual dripline control, tank valves, drain valves or where 1/2" MNPT connections are required.



Threaded Green Back® Valve
1/2" MNPT



Threaded Purple Back® Valve
1/2" MNPT



Threaded Green Back® Valve
3/4" MNPT



Threaded Purple Back® Valve
3/4" MNPT

Threaded Green Back® Valves 1/2" MNPT

| TYPE | PART NUMBER | PACK QUANTITY | PACKS PER CARTON | CARTON (lbs) |
|--|-------------|---------------|------------------|--------------|
| GREEN BACK® VALVE 13 mm barb x 1/2" MNPT | 49005 | 25 | 15 | 18.2 |
| GREEN BACK® VALVE 14 mm barb x 1/2" MNPT | 49015 | 25 | 15 | 18.3 |
| GREEN BACK® VALVE 15 mm barb x 1/2" MNPT | 49025 | 25 | 15 | 18.6 |
| GREEN BACK® VALVE 16 mm barb x 1/2" MNPT | 49035 | 25 | 15 | 19.3 |

Threaded Purple Back® Valves 1/2" MNPT

| TYPE | PART NUMBER | PACK QUANTITY | PACKS PER CARTON | CARTON (lbs) |
|---|-------------|---------------|------------------|--------------|
| PURPLE BACK® VALVE 13 mm barb x 1/2" MNPT | 49105 | 25 | 15 | 18.6 |
| PURPLE BACK® VALVE 14 mm barb x 1/2" MNPT | 49115 | 25 | 15 | 18.6 |
| PURPLE BACK® VALVE 15 mm barb x 1/2" MNPT | 49125 | 25 | 15 | 18.7 |
| PURPLE BACK® VALVE 16 mm barb x 1/2" MNPT | 49135 | 25 | 15 | 19.3 |

Threaded Green Back® Valves 3/4" MNPT

| TYPE | PART NUMBER | PACK QUANTITY | PACKS PER CARTON | CARTON (lbs) |
|--|-------------|---------------|------------------|--------------|
| GREEN BACK® VALVE 18 mm barb x 3/4" MNPT | 46875 | 25 | 8 | 23.8 |
| GREEN BACK® VALVE 21 mm barb x 3/4" MNPT | 46895 | 25 | 8 | 23.3 |

Threaded Purple Back® Valves 3/4" MNPT

| TYPE | PART NUMBER | PACK QUANTITY | PACKS PER CARTON | CARTON (lbs) |
|---|-------------|---------------|------------------|--------------|
| PURPLE BACK® VALVE 18 mm barb x 3/4" MNPT | 46915 | 25 | 8 | 23.8 |
| PURPLE BACK® VALVE 21 mm barb x 3/4" MNPT | 46935 | 25 | 8 | 23.3 |

Specifications: Threaded Valves 1/2" MNPT & 3/4" MNPT

| DIMENSIONS ASSEMBLED | 1/2" MNPT | 3/4" MNPT |
|-------------------------|---|---|
| HEIGHT | 1.6" | 2.4" |
| LENGTH | 3.2" | 4.0" |
| WIDTH | 1.1" | 1.6" |
| WEIGHT (approx) | 0.83 oz | 1.9 oz |
| UV STABILIZED MATERIALS | BODY acetal STEM polypropylene COVER acetal | BODY acetal STEM polypropylene COVER acetal |
| BASE/CONNECTION TYPE | 1/2" MNPT Thread x BARB | 3/4" MNPT Thread x BARB |