



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 300 kPa.
- Green Back® cap for standard irrigation applications.
- Purple Back® cap for recycled water applications.
- UV stabilised materials for long life.

### Applications

Secondary zone water diversion and flow control. Always install as an in-line valve with tubes connected to both inlet and outlet.



Vari-Flow™  
thread x thread



Vari-Flow™  
barb x barb



Green Back® Valve



Purple Back® Valve

### Vari-Flow™ Valve

TYPE	COLOUR	ORDER CODE	PACK QUANTITY	PACKS PER CARTON	CARTON (kg)
VARI-FLOW™ VALVE barb x barb 4.5 mm	Black	42155	50	90	11.5
VARI-FLOW™ VALVE thread x thread 4.0 mm	Black	42115	50	90	11.5
VARI-FLOW™ VALVE thread x thread 4.0 mm	Green/Yellow	42125	50	90	11.5

### Green Back® Valve

TYPE	ORDER CODE	PACK QUANTITY	PACKS PER CARTON	CARTON (kg)
GREEN BACK® VALVE 13 mm (Shank OD 12.6 mm)	45505	20	25	9.4
GREEN BACK® VALVE 14 mm (Shank OD 14.0 mm)	45575	20	25	9.6
GREEN BACK® VALVE 15 mm (Shank OD 14.6 mm)	45555	20	25	9.5
GREEN BACK® VALVE 16 mm (Shank OD 15.7 mm)	45515	20	24	9.9
GREEN BACK® VALVE 18 mm (Shank OD 17.6 mm)	45565	20	10	8.9
GREEN BACK® VALVE 19 mm (Shank OD 19.0 mm)	45525	20	10	8.7
GREEN BACK® VALVE 21 mm (Shank OD 20.8 mm)	45535	20	10	9.3
GREEN BACK® VALVE 25 mm (Shank OD 25.0 mm)	45545	20	4	7.1

### Purple Back® Valve

TYPE	ORDER CODE	PACK QUANTITY	PACKS PER CARTON	CARTON (kg)
PURPLE BACK® VALVE 13 mm (Shank OD 12.6 mm)	46505	20	25	9.4
PURPLE BACK® VALVE 14 mm (Shank OD 14.0 mm)	46575	20	25	9.6
PURPLE BACK® VALVE 15 mm (Shank OD 14.6 mm)	46555	20	25	9.5
PURPLE BACK® VALVE 16 mm (Shank OD 15.7 mm)	46515	20	24	9.9
PURPLE BACK® VALVE 18 mm (Shank OD 17.6 mm)	46565	20	10	8.9
PURPLE BACK® VALVE 19 mm (Shank OD 19.0 mm)	46525	20	10	8.7
PURPLE BACK® VALVE 21 mm (Shank OD 20.8 mm)	46535	20	10	9.3
PURPLE BACK® VALVE 25 mm (Shank OD 25.0 mm)	46545	20	4	7.1

### Specifications: Vari-Flow™ Valve

DIMENSIONS ASSEMBLED	4.5 mm	4.0 mm
HEIGHT	21 mm	21 mm
LENGTH	40 mm	40 mm
WIDTH	15 mm	15 mm
WEIGHT (approx)	2.5 g	2.5 g
UV STABILISED MATERIALS	BODY acetal KNOB HDPE	BODY acetal KNOB HDPE
BASE/CONNECTION TYPE	BARB 4.5 mm	10-32 UNF THREAD 4 mm

### Specifications: Green Back® Valve and Purple Back® Valve

DIMENSIONS ASSEMBLED	13 mm, 14 mm 15 mm, 16 mm	18 mm, 19 mm 21 mm	25 mm
HEIGHT	40 mm	60 mm	71 mm
LENGTH	81 mm	100 mm	124 mm
WIDTH	28 mm	41 mm	53 mm
WEIGHT (approx)	18 g	49 g (18, 19mm) 50 g (21mm)	81 g
UV STABILISED MATERIALS	BODY acetal STEM HDPE 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.

### Features

- 3/4" BSP Male threaded inlet or 1/2" MNPT threaded inlet.
- Simple on-off operation and straight through flow.
- Operating pressure range up to 300 kPa.
- Green Back<sup>®</sup> cap for standard irrigation applications.
- Purple Back<sup>®</sup> cap for recycled water applications.
- UV stabilised materials for long life.

### Applications

Irrigation from rain tanks, non-pressurised containers or where 1/2" MNPT or 3/4" BSPM threaded connection is required.



### Threaded Green Back<sup>®</sup> Valve 1/2" MNPT



Threaded Green Back<sup>®</sup> Valve 1/2" MNPT

TYPE	ORDER CODE	PACK QUANTITY	PACKS PER CARTON	CARTON (kg)
GREEN BACK <sup>®</sup> VALVE 13 mm barb x 1/2" MNPT	49005	20	22	9.8
GREEN BACK <sup>®</sup> VALVE 14 mm barb x 1/2" MNPT	49015	20	22	9.9
GREEN BACK <sup>®</sup> VALVE 15 mm barb x 1/2" MNPT	49025	20	22	9.8
GREEN BACK <sup>®</sup> VALVE 16 mm barb x 1/2" MNPT	49035	20	22	10.3

### Threaded Purple Back<sup>®</sup> Valve 1/2" MNPT



Threaded Purple Back<sup>®</sup> Valve 1/2" MNPT

TYPE	ORDER CODE	PACK QUANTITY	PACKS PER CARTON	CARTON (kg)
PURPLE BACK <sup>®</sup> VALVE 13 mm barb x 1/2" MNPT	49105	20	22	9.8
PURPLE BACK <sup>®</sup> VALVE 14 mm barb x 1/2" MNPT	49115	20	22	9.9
PURPLE BACK <sup>®</sup> VALVE 15 mm barb x 1/2" MNPT	49125	20	22	9.8
PURPLE BACK <sup>®</sup> VALVE 16 mm barb x 1/2" MNPT	49135	20	22	10.3

### Threaded Green Back<sup>®</sup> Valve 3/4" BSPM



Threaded Green Back<sup>®</sup> Valve 3/4" BSPM

TYPE	ORDER CODE	PACK QUANTITY	PACKS PER CARTON	CARTON (kg)
GREEN BACK <sup>®</sup> VALVE 13 mm barb x 3/4" BSPM	46605	20	22	10.4
GREEN BACK <sup>®</sup> VALVE 14 mm barb x 3/4" BSPM	46675	20	22	10.6
GREEN BACK <sup>®</sup> VALVE 15 mm barb x 3/4" BSPM	46655	20	22	10.5
GREEN BACK <sup>®</sup> VALVE 16 mm barb x 3/4" BSPM	46615	20	21	10.9
GREEN BACK <sup>®</sup> VALVE 18 mm barb x 3/4" BSPM	46685	20	8	9.0
GREEN BACK <sup>®</sup> VALVE 19 mm barb x 3/4" BSPM	46695	20	8	9.0
GREEN BACK <sup>®</sup> VALVE 21 mm barb x 3/4" BSPM	46595	20	8	9.0

### Threaded Purple Back<sup>®</sup> Valve 3/4" BSPM



Threaded Purple Back<sup>®</sup> Valve 3/4" BSPM

TYPE	ORDER CODE	PACK QUANTITY	PACKS PER CARTON	CARTON (kg)
PURPLE BACK <sup>®</sup> VALVE 13 mm barb x 3/4" BSPM	46705	20	22	10.4
PURPLE BACK <sup>®</sup> VALVE 14 mm barb x 3/4" BSPM	46775	20	22	10.6
PURPLE BACK <sup>®</sup> VALVE 15 mm barb x 3/4" BSPM	46755	20	22	10.5
PURPLE BACK <sup>®</sup> VALVE 16 mm barb x 3/4" BSPM	46715	20	21	10.9
PURPLE BACK <sup>®</sup> VALVE 18 mm barb x 3/4" BSPM	46785	20	8	9.0
PURPLE BACK <sup>®</sup> VALVE 19 mm barb x 3/4" BSPM	46795	20	8	9.0
PURPLE BACK <sup>®</sup> VALVE 21 mm barb x 3/4" BSPM	46805	20	8	9.0

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

DIMENSIONS ASSEMBLED	1/2" MNPT		3/4" BSPM	
			13 mm, 14 mm, 15 mm, 16 mm	18 mm, 19 mm, 21 mm
HEIGHT	41 mm	44 mm	60 mm	
LENGTH	81 mm	81 mm	103 mm	
WIDTH	28 mm	28 mm	41 mm	
WEIGHT (APPROX)	21 g	22 g	53 g (18, 19mm) 54 g (21mm)	
UV STABILISED MATERIALS	BODY acetal STEM HDPE COVER acetal	BODY acetal STEM HDPE COVER acetal	BODY acetal STEM polypropylene COVER acetal	
BASE/CONNECTION TYPE	1/2" MNPT Thread x Barb	3/4" BSPM Thread x Barb		