

Dura Flo™ CV 17mm Check Valve Dripline

APPLICATIONS

- NDS Dura Flo™ CV Dripline works with all applications: foundation planting, raised planters, landscape, medians, roadways, slopes, subsurface turf and sports fields.

FEATURES

- **Pressure Compensating Emitters** provide uniform coverage and consistent flow rate.
- **Low Opening Pressure** – Each emitter opens at 7.5 PSI which allows longer run lengths and reduced material and labor costs.
- **Check Valve** – Each emitter has a 2 PSI check valve that holds back up to 4.5 feet of elevation which prevents low head drainage and keeps the line full of water between irrigation intervals to provide instant watering when the systems turns on for each cycle.
- **Anti-Siphon** – The check valve emitter is designed with an anti-siphon feature that prevents the suction of debris into the emitter. Eliminates the need for an air/vacuum relief valve.
- **Self-flushing emitter** keeps emitter free of debris and reduces system maintenance.
- **Multi-layer tubing** provides UV resistance and maximum durability.
- **Shrink-wrapped coils** for easy handling and installation.
- **Easy to Use Fittings** – Compatible with NDS 17mm insert fittings, 600 series compression fittings, and Smart Loc™ multi-diameter fittings.

WARRANTY

- NDS Dura Flo™ CV dripline offers five (5) years on product workmanship and seven (7) years on environmental stress cracking



OPERATING RANGE

- Recommended system pressure: 20-60 PSI
- Emitter opening pressure: 7.5 PSI
- Flow rates: 0.4, 0.6 & 0.9 GPH
- Filtration requirement: 120 mesh

SPECIFICATIONS

- Outside diameter (OD): 0.660"
- Inside diameter (ID): 0.560"
- Wall thickness: 0.050"
- Coil lengths: 100', 250', 500', 1,000' (Special order only)
- Emitter spacing: 12", 18" & 24"
- Coil colors: Brown & Purple-Stripe

Part Number	Flow Rate (GPH)	Emitter Spacing (Inches)	Coil Length (Feet)
SFCV-BR-6112-01S*	0.4	12	100
SFCV-BR-6112-025S*	0.4	12	250
SFCV-BR-6112-05S*	0.4	12	500
SFCV-BR-6212-01S	0.6	12	100
SFCV-BR-6212-025S	0.6	12	250
SFCV-BR-6212-05S	0.6	12	500
SFCV-BR-6218-01S	0.6	18	100
SFCV-BR-6218-025S	0.6	18	250
SFCV-BR-6218-05S	0.6	18	500
SFCV-BR-6224-05S	0.6	24	500
SFCV-BR-6412-01S	0.9	12	100
SFCV-BR-6412-025S	0.9	12	250
SFCV-BR-6412-05S	0.9	12	500
SFCV-BR-6418-01S	0.9	18	100
SFCV-BR-6418-025S	0.9	18	250
SFCV-BR-6418-05S	0.9	18	500
SFCV-PS-6212-05S	0.6	12	500
SFCV-PS-6218-05S	0.6	18	500
SFCV-PS-6412-05S	0.9	12	500
SFCV-PS-6418-05S	0.9	18	500

*Made to order, minimum quantities apply

Dura Flo™ CV 17mm Check Valve Dripline

NDS Dura Flo™ CV Maximum Length of Run (Feet) 17mm Series – (0.560" ID x 0.660" OD)									
Inlet Pressure	12" Spacing			18" Spacing			24" Spacing		
	0.4 GPH	0.6 GPH	0.9 GPH	0.4 GPH	0.6 GPH	0.9 GPH	0.4 GPH	0.6 GPH	0.9 GPH
20 PSI	357'	300'	221'	477'	399'	294'	576'	488'	358'
30 PSI	471'	395'	289'	629'	526'	385'	765'	642'	471'
40 PSI	550'	460'	336'	735'	618'	449'	893'	748'	549'
50 PSI	610'	508'	372'	818'	677'	493'	995'	830'	610'
60 PSI	652'	548'	403'	873'	714'	525'	1054'	884'	652'

Dura Flo™ CV Dripline Flow (Per 100 Feet)						
Emitter Spacing	0.4 GPH Emitter		0.6 GPH Emitter		0.9 GPH Emitter	
	GPH	GPM	GPH	GPM	GPH	GPM
12"	40.00	0.67	60.00	1.00	90.00	1.50
18"	26.67	0.44	40.00	0.67	60.00	1.00
24"	20.00	0.33	30.00	0.50	45.00	0.75

How to Specify:					
SFCV	XX-	X	X	XX-	XXX (S)
Product Type	Color	Size (OD)	Flow Rate	Spacing	Coil Length (S)=Shrink Wrapped
SFCV Dripline	BR = Brown PS = Purple Stripe	6 = 17mm	1 = 0.4 GPH 2 = 0.6 GPH 4 = 0.6 GPH	12 = 12" 18 = 18" 24 = 24"	01 = 100' 025 = 250' 05 = 500' 10 = 1,000' *
					*1,000' Special Order Only
Example:					
SFCV	BR	6	2	12	05S