

FlexBow™

A multi outlet irrigation loop with high clogging resistance dripping points and superb water distribution.



User friendly



Superb uniformity



Efficient maintenance

/ Benefits & Features

- | | |
|----------------------------|--|
| → User friendly | Easy installation, reducing labor costs at installation and during crop rotations. |
| → Superb uniformity | FlexBow™ features Netafim's high clog-resistant labyrinths, ensuring uniform distribution with reduced clogging risk. |
| → Efficient maintenance | Allows for quick and easy maintenance activities due to easy flushing press-fit connector. |
| → High clogging resistance | Even with challenging water quality, with self-cleaning labyrinth that flushes debris, throughout operation. |
| → Wide filtration area | Ensures optimal performance even under harsh water conditions, preventing the entrance of sediments into the labyrinths. |
| → Wide water passages | TurboNet™ labyrinth ensures wide water passages, large deep and wide cross-section that improves clogging resistance. The water is drawn into the dripper from the stream center, preventing the entrance of sediment into the drippers. |

/ Specifications

- The flow from each dripping outlet will be determined by the hub dripper, divided evenly by the number of water outlets.
- Compatible with various container diameters according to the different possibilities presented.
- Flow rate: 4.0 to 32.0 l/h.
- Max. operating pressure: 4.0 bar.
- Min. operating pressure: according to hub dripper specifications.
- Superb chemical and UV resistance for extended durability.
- Colored light gray for improved light reflection.

→ FlexBow™ models

Circumference diameter (mm)	Number of dripping points
211	8
264	10
317	12
370	14
474	16

*It is important that the chosen circumference does not come close to the limits of the pot/container, otherwise part of the irrigation and nutrients could adhere to the walls of the pot/container and not reach the roots correctly.

→ FlexBow™ flow rates and minimum required pressures

Circumference diameter (mm)	Number of dripping points	Nominal flow rate (l/h) / minimum pressure requirements (bar) at the hub dripper/bubbler inlet			Flow rate (l/h) per dripping point
		PC HCNL	PCJ™ LCNL	PCJ™ bubbler	
211	8		4 / 0.71		0.50
			8 / 0.72		1.00
		12 / 1.46	12 / 0.76		1.50
			15 / 0.80		1.88
264	10	6 / 1.41			0.60
		12 / 1.42	12 / 0.72		1.20
			15 / 0.76		1.50
				20 / 1.10	2.00
317	12	6 / 1.41			0.50
		12 / 1.42	12 / 0.72		1.00
				20 / 1.06	1.67
				25 / 1.10	2.08
370	14		8 / 0.71		0.57
			15 / 0.72		1.07
				20 / 1.06	1.43
				30 / 1.10	2.14
474	16		8 / 0.71		0.50
			15 / 0.72		0.94
				25 / 1.06	1.56
				30 / 1.10	1.88

→ FlexBow™ package data


Model	Quantity p/box (units)	Box dimensions (cm x cm x cm)	Box weight (kg)	Boxes per pallet (units)
211	300	85.0 x 28.5 x 28.5	5.5	12
264				
317				
370				
474				

Missing package data available upon request.

→ Catalog numbers


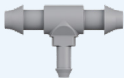



FlexBow™

Catalog number 77470 - (any of below 6 digits)

Illustration	Model	Catalog number
	FlexBow™ 211 mm / 8.3" loop, light gray color, with installed connectors (3*8 mm barbed + press fit male/female), xxx units/box	000600
	FlexBow™ 264 mm / 10.4" loop, light gray color, with installed connectors (3*8 mm barbed + press fit male/female), xxx units/box	
	FlexBow™ 317 mm / 12.5" loop, light gray color, with installed connectors (3*8 mm barbed + press fit male/female), xxx units/box	
	FlexBow™ 370 mm / 14.6" loop, light gray color, with installed connectors (3*8 mm barbed + press fit male/female), xxx units/box	
	FlexBow™ 474 mm / 18.7" loop, light gray color, with installed connectors (3*8 mm barbed + press fit male/female), xxx units/box	

Missing catalog numbers available upon request.

→ Related products

Illustration	Model	Catalog number
	Micro tube 3*5 mm (to connect the FlexBow™ to the hub dripper outlet)	
	SPE, 200 meter coil, colored gray	40005-000201
	SPE, 500 meter coil, colored gray	40005-000200
	SPE, 1000 meter coil, colored gray	40005-000203
	FlexBow™ barbed connector 8*3*8, light gray	77470-000105
	8 mm barbed/ male press fit, light gray	77470-000650
	8 mm barbed/ female press fit, light gray	77470-000651
	Stake to fix a 8 mm OD pipe	32500-002150