



SPECIFICATION

SINGLE OUTLET EMITTER

**¼" Barb Inlet x ¼" Barb Outlet
Part # GXBXXPC**

GXB emitters are available in ¼" barb inlet x ¼" barb outlet. Properly installed, the GXB emitter should be inserted inlet side into the Supply PVC Hose or Supply PE Tubing. A Hose punch with the same dimension as the corresponding dimension to the ¼" barb should be used to punch a hole in the tubing and then the emitter inserted. The outlet side of the emitter then should have the compatible ¼" distribution tubing leading to the plant.

The emitters shall be fixed flow (non-adjustable), controlled by a medical grade silicone control element. The GXB emitters are fully pressure compensated from (5 - 45psi ; 0.33-3bars) and will deliver a flow rate of one-half, one, two or 4 gallons per hour, plus or minus 10 percent over a pressure range, at the emitter, of ten to fifty pounds per square inch.

The punch-in end of the emitter, or inlet shaft, has a length of 0.270 inch nominal. This is of sufficient length for easy entry, and retention of the emitter into various types of drip irrigation hose of wall thickness up to 0.160 inches (or riser adapters of web thickness up to 0.160 inch). The barbs have a nominal diameter of 0.170 inch at the neck and 0.190 inch at the shoulder.

The outlet of the emitter has a barb configuration that is designed to accept distribution tubing of a nominal 1/4" inside diameter.

Emitters are color coded to distinguish flow rates and made of high impact resistant abs thermoplastic with an ultraviolet radiation inhibitor to minimize the hazards of solar radiation.

Part No.	Flow Rate (gallons per hour)	Color	Configuration
GXB05PC	½ GPH	blue	¼" inlet x ¼" outlet
GXB1PC	1 GPH	black	¼" inlet x ¼" outlet
GXB2PC	2 GPH	red	¼" inlet x ¼" outlet
GXB4PC	4 GPH	yellow	¼" inlet x ¼" outlet

Operating Range:
P.C.: .5,1,2 & 4 GPH
Pressure: 5-45 PSI
Filtration: 80-150 mesh

