



SPECIFICATION

SINGLE OUTLET EMITTER

GDPJXX

GDPJ emitters can be either punched into a flexible hose, polyethylene hose or inserted into distribution tubing at the plant material.

The emitters have fixed flow (non-adjustable) and are available in 4 different flows. The GDPJ 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 GDPJ emitters are compatible with GPH's PVC distribution tubing as well as our Polyethylene distribution tubing having a .160" ID as well as .170" ID (both 1/4" sizes that we offer).

The outlet of the emitters are covered with a protective cap such that the water outlet flows out of the inside periphery of the emitter.

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

<u>Part No.</u>	<u>Flow Rate (gallons per hour)</u>	<u>Color</u>	<u>Configuration</u>
GDPJ02	½ GPH	blue	¼" inlet x diffuser cap
GDPJ04	1 GPH	black	¼" inlet x diffuser cap
GDPJ08	2 GPH	red	¼" inlet x diffuser cap
GDPJ16	4 GPH	yellow	¼" inlet x diffuser cap

Operating Range:

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

