

**SPECIFICATION**  
**P.E. DISTRIBUTION TUBING**  
**Part # GPEXXXXXX**

The Polyethylene tubing shall be extruded from linear low density material with an antioxidant component. The tubing has an ultraviolet radiation inhibitor to minimize the hazards of solar radiation.

Making it what we call "UV Resistant".

- Specific Gravity, nominal
  - .93 +/- .02 tested per ASTM Method D792(A)
- 100% Modulus:
  - 2300 (psi)
- Tensile Strength, minimum
  - 2450 (psi) tested per ASTM Method D412
- Brittleness Temp., maximum
  - 20 C tested per ASTM Method D746(A)
- Elongation:
  - 490%

The tubing is to be uniformly black in color, homogeneous throughout and smooth inside and outside, free from foreign materials, cracks, holes, dents, wrinkles and blisters.

| Part No.  | Size | Inside<br>Dia.<br>(in.) | Wall<br>thickness<br>(in.) | Outside<br>Dia<br>(in.) |
|-----------|------|-------------------------|----------------------------|-------------------------|
| GPE187125 | 1/8" | 0.125"                  | .062"                      | 0.68                    |
| GPE220160 | 1/4" | 0.160"                  | 0.06                       | 0.84                    |
| GPE250170 | 1/4" | 0.170"                  | 0.08                       | .220                    |

The tubing shall withstand a minimum steady state internal pressure to 60 psi, at 68<sub>±</sub>F, without failure. The tubing should be used with the corresponding size of micro or distribution barb fittings.

