Heavy duty fittings and valves for drip tube connections

A comprehensive range of heavy duty fittings and valves which provide a positive and quick method of connecting most brands of 16mm ID (Nominal) drip tube and tap products.

- **Performance features**
  - Heavy duty lock nut (easy on the fingers) – comfortable to work with.
  - Acme square thread for quick engagement with drip tube, locking it into position.
  - Chamfered interface has been designed between the locking nut and the barb to provide the best possible sealing action.

- **Operation**
  - The drip tube slides over the leading ramp of the barb to butt against the internal wall. A half turn of the lock nut “seals” the tube against the face of the barb.

- **Application**
  - For use with compatible drip tube in vegetable row crops, vineyards and general horticulture.
  - Above ground and sub-surface connections.
  - Connections from lay flat hose, PVC and PE pipe work systems.

- **Installation**
  - See overleaf for details.

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The connection you can trust.
INSTALLATION

Tape assembly to fitting:
1. Ensure lock nuts are screwed back against the fitting shoulder. Slide drip tape over barb and push home to butt against the internal wall.
2. Hold the body and half turn locking nuts in a clockwise direction. Nip tight with a spanner, only if necessary.

Connection to lay flat hose:
1. Punch hole using oval eye punch.
2. Loosen the tear drop to provide 5mm gap approx.
3. Insert tear drop through punched hole in lay-flat hose. (NB: for oversized or stretched holes use product No. LF162B).

Connecting to PVC or PE pipes:
1. Drill hole to recommended size.
2. Place ‘Top Hat’ Grommet firmly in hole with flange facing out.

Connecting PE pipe to tape/drip tube:

METHOD 1.
BURIED SUPPLY SUB-MAIN.
Use 13mm or 16mm pipe from sub-main to surface and TAPE-LOCK TEE TLT13 or TLT16.

METHOD 2.
POLYETHYLENE PIPE BETWEEN SUB-MAIN AND Drip TAPE.
Allow for desired length of pipe between sub-main and drip tape. Use TAPE-LOCK TLTO13 or TLTO16 to join.

Tape-Lock: Auto Flushing Valves

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>CAP COLOUR</th>
<th>NOMINAL SEAL RATE</th>
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</thead>
<tbody>
<tr>
<td>TLVF5</td>
<td>RED</td>
<td>5kPa</td>
</tr>
<tr>
<td>TLVF12</td>
<td>BLACK</td>
<td>12kPa</td>
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</tbody>
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Manual purging of individual lines (if required) is done by pressing the “valve tickler”. The static line pressure must be minimum 36kPa (approx. 5 psi) for manual purging.

RECOMMENDED USE:
Products described above are designed and manufactured for micro irrigation use and therefore have a maximum recommended operating pressure.
The products will be used with suitable filtration (where applicable) to avoid blockage or damage to working components.

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