

Table 3-3

| TABLE 3-3 Pipe Material Spacing and Supports | | | | | | |
|---|------------------------------------|------------------------------|------------------------------------|------------------------------|------------------------------------|------------------------------|
| Nominal Pipe Size mm | PVDF | | Polyolefin | | PVC/ABS | |
| | Horizontal ^{1,2,3,4} m | Vertical ^{5,6} m | Horizontal ^{1,2,3,4} m | Vertical ^{5,6} m | Horizontal ^{1,2,3,4} m | Vertical ^{5,6} m |
| 15 | 0.6 | 2.4 | 0.6 | 2.4 | 0.6 | 2.4 |
| 20 | 0.6 | 3.0 | 0.6 | 3.0 | 0.6 | 3.0 |
| 25 | 0.6 | 3.0 | 0.6 | 3.0 | 0.6 | 3.0 |
| 32 | 1.2 | 3.0 | 1.2 | 3.0 | 1.2 | 3.0 |
| 40 | 1.2 | 3.0 | 1.2 | 3.0 | 1.2 | 3.0 |
| 50 | 1.2 | 3.0 | 1.2 | 3.0 | 1.2 | 3.0 |
| 65 | 1.2 | 3.0 | 1.2 | 3.0 | 1.2 | 3.0 |
| 80 | 1.2 | 3.0 | 1.2 | 3.0 | 1.2 | 3.0 |
| 100 | 1.2 | 3.0 | 1.2 | 3.0 | 1.2 | 3.0 |
| 150 | 1.4 | 3.0 | 1.4 | 3.0 | 1.4 | 3.0 |
| Nominal Pipe Size mm | CPVC | | PEX | | PEX-AL-HDPE | |
| | Horizontal ^{1,2,3,4} m | Vertical ^{5,6} m | Horizontal ^{1,2,3,4} m | Vertical ^{5,6} m | Horizontal ^{1,2,3,4} m | Vertical ^{5,6} m |
| 15 | 0.5 | 1.0 | 0.5 | 1.0 | 0.5 | 1.0 |
| 20 | 0.5 | 1.0 | 0.5 | 1.0 | 0.5 | 1.0 |
| 25 | 0.5 | 1.0 | 0.5 | 1.0 | 0.5 | 1.0 |
| 32 | 0.8 | 1.4 | 0.8 | 1.4 | 0.8 | 1.4 |
| 40 | 0.8 | 2.0 | 0.8 | 2.0 | 0.8 | 2.0 |
| 50 | 1.2 | 2.2 | 1.2 | 2.2 | 1.2 | 2.2 |
| 65 | 1.5 | 2.2 | 1.5 | 2.2 | 1.5 | 2.2 |
| 80 | 1.5 | 2.4 | 1.5 | 2.4 | 1.5 | 2.4 |
| 100 | 1.8 | 2.4 | 1.8 | 2.4 | 1.8 | 2.4 |
| 150 | 1.8 | 2.4 | 1.8 | 2.4 | 1.8 | 2.4 |
| Nominal Pipe Size mm | PEX-AL-PEX | | PEX-AL-PE | | POLYPROPYLENE | |
| | Horizontal ^{1,2,3,4} m | Vertical ^{5,6} m | Horizontal ^{1,2,3,4} m | Vertical ^{5,6} m | Horizontal ^{1,2,3,4} m | Vertical ^{5,6} m |
| 15 | 0.5 | 1.0 | 0.5 | 1.0 | 0.5 | 1.0 |
| 20 | 0.5 | 1.0 | 0.5 | 1.0 | 0.5 | 1.0 |
| 25 | 0.5 | 1.0 | 0.5 | 1.0 | 0.5 | 1.0 |
| 32 | 0.8 | 1.4 | 0.8 | 1.4 | 0.8 | 1.4 |
| 40 | 0.8 | 2.0 | 0.8 | 2.0 | 0.8 | 2.0 |
| 50 | 1.2 | 2.2 | 1.2 | 2.2 | 1.2 | 2.2 |
| 65 | 1.5 | 2.2 | 1.5 | 2.2 | 1.5 | 2.2 |
| 80 | 1.5 | 2.4 | 1.5 | 2.4 | 1.5 | 2.4 |
| 100 | 1.8 | 2.4 | 1.8 | 2.4 | 1.8 | 2.4 |
| 150 | 1.8 | 2.4 | 1.8 | 2.4 | 1.8 | 2.4 |
| Nominal Pipe Size mm | Stainless Steel | | Notes: | | | |
| | Horizontal ^{1,2,3,4} m | Vertical ^{5,6} m | | | | |
| 15 | 1.8 | 2.4 | | | | |
| 20 | 2.4 | 2.4 | | | | |
| 25 | 2.4 | 2.7 | | | | |
| 32 | 2.7 | 3.0 | | | | |
| 40 | 3.0 | 3.0 | | | | |
| 50 | 3.0 | 3.0 | | | | |
| 65 | 3.0 | 3.0 | | | | |
| 80 | 3.0 | 3.0 | | | | |
| 100 | 3.0 | 3.0 | | | | |
| 150 | 3.0 | 3.0 | | | | |

SI: 1m = 3.3 ft., 1mm = 0.04 in.

- Notes:**
- Support adjacent to joint, not to exceed 46cm (18 in.).
 - Brace at intervals of not more than 12m (40 ft.) to prevent horizontal movement.
 - Support at each horizontal branch connection.
 - Hangers shall not be placed on the coupling.
 - Vertical water lines shall be permitted to be supported in accordance with recognized engineering principles with regard to expansion and contraction, when first approved by the Authority Having Jurisdiction.
 - See the appropriate UPC-AD, Installation Standard for expansion and other special requirements.