

hose insert fittings

Spears hose insert fittings are designed for use with flexible PVC and Polyethylene pipes. Pipes should be fixed in place using an external clamp or clip over the barbed ends, to eliminate seepage.

Tee 90°

Hose Spigot x Hose Spigot x Hose Spigot



| Size | Code | Price |
|-------|----------|-------|
| 1/2 | 1401-005 | 2.30 |
| 3/4 | 1401-007 | 2.52 |
| 1 | 1401-010 | 3.31 |
| 1 1/4 | 1401-012 | 5.08 |
| 1 1/2 | 1401-015 | 5.76 |
| 2 | 1401-020 | 11.33 |

Reducing Tee 90°

Hose Spigot x Hose Spigot x Hose Spigot



| | | |
|-------------------|----------|-------|
| 1/2x3/4 | 1401-074 | 6.21 |
| 3/4x1/2x1/2 | 1401-094 | 3.14 |
| 3/4x1/2 | 1401-101 | 2.84 |
| 3/4x1 | 1401-102 | 7.21 |
| 1x3/4x1/2 | 1401-124 | 4.52 |
| 1x3/4x3/4 | 1401-125 | 5.44 |
| 1x1/2 | 1401-130 | 3.36 |
| 1x3/4 | 1401-131 | 3.36 |
| 1x1 1/4 | 1401-132 | 10.04 |
| 1 1/4x1x1/2 | 1401-156 | 6.21 |
| 1 1/4x1x3/4 | 1401-157 | 6.21 |
| 1 1/4x1x1 | 1401-158 | 6.21 |
| 1 1/4x1/2 | 1401-166 | 4.36 |
| 1 1/4x3/4 | 1401-167 | 4.36 |
| 1 1/4x1 | 1401-168 | 4.36 |
| 1 1/2x1 1/4x3/4 | 1401-201 | 7.72 |
| 1 1/2x1 1/4x1 | 1401-202 | 7.72 |
| 1 1/2x1 1/4x1 1/4 | 1401-203 | 7.72 |
| 1 1/2x1/2 | 1401-209 | 7.60 |
| 1 1/2x3/4 | 1401-210 | 7.60 |
| 1 1/2x1 | 1401-211 | 7.60 |
| 1 1/2x1 1/4 | 1401-212 | 7.60 |
| 2x1 1/2x1 1/2 | 1401-241 | 10.04 |
| 2x1/2 | 1401-247 | 10.73 |
| 2x3/4 | 1401-248 | 10.73 |
| 2x1 | 1401-249 | 10.73 |
| 2x1 1/4 | 1401-250 | 11.27 |
| 2x1 1/2 | 1401-251 | 11.64 |

Reducing Tee 90°

Hose Spigot x Hose Spigot x Female NPT Thread



| | | |
|-----------------|----------|-------|
| 3/4x1/2x1/2 | 1402-094 | 4.05 |
| 3/4x1/2 | 1402-101 | 3.14 |
| 1x3/4x1/2 | 1402-124 | 5.13 |
| 1x3/4x3/4 | 1402-125 | 6.05 |
| 1x1/2 | 1402-130 | 4.14 |
| 1x3/4 | 1402-131 | 4.14 |
| 1 1/4x1x1/2 | 1402-156 | 7.50 |
| 1 1/4x1x3/4 | 1402-157 | 8.81 |
| 1 1/4x1/2 | 1402-166 | 5.59 |
| 1 1/4x3/4 | 1402-167 | 6.13 |
| 1 1/4x1 | 1402-168 | 6.51 |
| 1 1/2x1 1/4x1/2 | 1402-199 | 11.80 |
| 1 1/2x1 1/4x3/4 | 1402-201 | 13.18 |
| 1 1/2x1 1/4x1 | 1402-202 | 15.09 |
| 1 1/2x1/2 | 1402-209 | 8.59 |
| 1 1/2x3/4 | 1402-210 | 10.09 |
| 1 1/2x1 | 1402-211 | 10.09 |
| 1 1/2x1 1/4 | 1402-212 | 10.41 |
| 2x1/2 | 1402-247 | 11.49 |
| 2x3/4 | 1402-248 | 12.11 |
| 2x1 | 1402-249 | 13.33 |
| 2x1 1/2 | 1402-251 | 13.95 |

Cross

Hose Spigot x Hose Spigot x Hose Spigot x Hose Spigot



| | | |
|-----|----------|------|
| 3/4 | 1420-007 | 6.05 |
| 1 | 1420-010 | 7.50 |

Tee 90°

Hose Spigot x Hose Spigot x Female NPT Thread



| Size | Code | Price |
|-------|----------|-------|
| 1/2 | 1402-005 | 2.52 |
| 3/4 | 1402-007 | 3.76 |
| 1 | 1402-010 | 4.45 |
| 1 1/4 | 1402-012 | 6.51 |
| 1 1/2 | 1402-015 | 11.27 |
| 2 | 1402-020 | 13.95 |

Tee 90°

Hose Spigot x Hose Spigot x Male NPT Thread



| | | |
|-------|----------|-------|
| 1/2 | 1403-005 | 3.21 |
| 3/4 | 1403-007 | 4.36 |
| 1 | 1403-010 | 5.59 |
| 1 1/4 | 1403-012 | 7.21 |
| 1 1/2 | 1403-015 | 8.13 |
| 2 | 1403-020 | 12.56 |

Coupling

Hose Spigot x Hose Spigot x Hose Spigot



| | | |
|-------|----------|-------|
| 1/2 | 1429-005 | 1.10 |
| 3/4 | 1429-007 | 1.27 |
| 1 | 1429-010 | 1.34 |
| 1 1/4 | 1429-012 | 2.00 |
| 1 1/2 | 1429-015 | 2.39 |
| 2 | 1429-020 | 4.45 |
| 3 | 1429-030 | 19.61 |
| 4 | 1429-040 | 26.64 |

Reducing Coupling

Hose Spigot x Hose Spigot



| | | |
|-------------|----------|------|
| 3/4x1/2 | 1429-101 | 1.77 |
| 1x1/2 | 1429-130 | 2.44 |
| 1x3/4 | 1429-131 | 1.83 |
| 1 1/4x3/4 | 1429-167 | 3.68 |
| 1 1/4x1 | 1429-168 | 2.84 |
| 1 1/2x3/4 | 1429-210 | 4.45 |
| 1 1/2x1 | 1429-211 | 4.29 |
| 1 1/2x1 1/4 | 1429-212 | 3.36 |
| 2x1 | 1429-249 | 6.21 |
| 2x1 1/4 | 1429-250 | 5.68 |
| 2x1 1/2 | 1429-251 | 5.36 |

Plug

Hose Spigot



| | | |
|-------|----------|------|
| 1/2 | 1449-005 | 1.91 |
| 3/4 | 1449-007 | 2.00 |
| 1 | 1449-010 | 2.69 |
| 1 1/4 | 1449-012 | 3.46 |
| 1 1/2 | 1449-015 | 3.68 |
| 2 | 1449-020 | 6.58 |

Elbow 90°

Hose Spigot x Hose Spigot



| Size | Code | Price |
|-------|----------|-------|
| 1/2 | 1406-005 | 2.16 |
| 3/4 | 1406-007 | 2.61 |
| 1 | 1406-010 | 2.84 |
| 1 1/4 | 1406-012 | 3.21 |
| 1 1/2 | 1406-015 | 3.76 |
| 2 | 1406-020 | 5.28 |
| 2 1/2 | 1406-025 | 23.59 |

Reducing Elbow 90°

Hose Spigot x Female NPT Thread



| Size | Code | Price |
|-------------|----------|-------|
| 3/4x1/2 | 1407-101 | 2.44 |
| 1x1x1/2 | 1407-130 | 2.61 |
| 1x1x3/4 | 1407-131 | 2.98 |
| 1 1/4x1/2 | 1407-166 | 4.45 |
| 1 1/4x3/4 | 1407-167 | 4.45 |
| 1 1/4x1 | 1407-168 | 4.45 |
| 1 1/2x1 | 1407-211 | 5.08 |
| 1 1/2x1 1/4 | 1407-212 | 5.51 |
| 2x1 1/2 | 1407-251 | 8.88 |

Elbow 90°

Hose Spigot x Male NPT Thread



| | | |
|-------|----------|-------|
| 1/2 | 1413-005 | 2.69 |
| 3/4 | 1413-007 | 3.68 |
| 1 | 1413-010 | 4.81 |
| 1 1/4 | 1413-012 | 6.43 |
| 1 1/2 | 1413-015 | 8.50 |
| 2 | 1413-020 | 13.33 |

Female Adaptor

Hose Spigot x Female NPT Thread



| | | |
|-------|----------|-------|
| 1/2 | 1435-005 | 4.67 |
| 3/4 | 1435-007 | 5.13 |
| 1 | 1435-010 | 5.68 |
| 1 1/4 | 1435-012 | 6.90 |
| 1 1/2 | 1435-015 | 8.81 |
| 2 | 1435-020 | 14.87 |

Reducing Male Adaptor

Male NPT Thread x Hose Spigot



| | | |
|-------------|----------|------|
| 1/2x3/4 | 1436-074 | 3.36 |
| 3/4x1/2 | 1436-101 | 3.07 |
| 3/4x1 | 1436-102 | 3.46 |
| 1x3/4 | 1436-131 | 3.14 |
| 1x1 1/4 | 1436-132 | 4.21 |
| 1x1 1/2 | 1436-133 | 6.36 |
| 1 1/4x3/4 | 1436-167 | 3.68 |
| 1 1/4x1 | 1436-168 | 3.99 |
| 1 1/4x1 1/2 | 1436-169 | 6.36 |
| 1 1/2x1 | 1436-211 | 4.81 |
| 1 1/2x1 1/4 | 1436-212 | 4.81 |
| 1 1/2x2 | 1436-213 | 8.13 |
| 2x1 1/2 | 1436-251 | 8.03 |

Male Adaptor

Hose Spigot x Male NPT Thread



| | | |
|-------|----------|-------|
| 1/2 | 1436-005 | 1.09 |
| 3/4 | 1436-007 | 1.27 |
| 1 | 1436-010 | 1.33 |
| 1 1/4 | 1436-012 | 2.16 |
| 1 1/2 | 1436-015 | 2.39 |
| 2 | 1436-020 | 4.52 |
| 2 1/2 | 1436-025 | 18.53 |
| 3 | 1436-030 | 21.31 |
| 4 | 1436-040 | 29.72 |

Hose Adaptor

Hose x BSP Male Thread



| | | |
|---------------|---------|-------|
| 14/12 x 1/4 | 607100* | 2.75 |
| 18/16 x 3/8 | 607110* | 2.75 |
| 22/20 x 1/2 | 607120* | 2.84 |
| 28/25 x 3/4 | 607130* | 3.53 |
| 34/31 x 1 | 607140* | 3.99 |
| 43/40 x 1 1/4 | 607150* | 5.36 |
| 53/50 x 1 1/2 | 607160* | 7.43 |
| 66/60 x 2 | 607170* | 11.10 |

*Maximum pressure 10 bar

Polypropylene

Elbow 90°

Female BSP Threaded Nut & Seal x Hose Insert



| | | |
|----------|-------------|-------|
| 1/2x12 | 1407-005012 | 4.18 |
| 3/4x20 | 1407-007020 | 5.00 |
| 1x25 | 1407-010025 | 5.82 |
| 1 1/4x32 | 1407-012032 | 7.32 |
| 1 1/2x38 | 1407-015038 | 10.66 |
| 2x50 | 1407-020050 | 13.32 |

Elbow 90°

Male BSP Thread x Hose Insert



| | | |
|----------|-------------|------|
| 3/8x12 | 1413-003012 | 2.61 |
| 1/2x12 | 1413-005012 | 2.69 |
| 1/2x16 | 1413-005016 | 2.97 |
| 1/2x20 | 1413-005020 | 3.30 |
| 3/4x12 | 1413-007012 | 2.75 |
| 3/4x20 | 1413-007020 | 3.20 |
| 3/4x25 | 1413-007025 | 3.80 |
| 1x20 | 1413-010020 | 4.41 |
| 1x25 | 1413-010025 | 3.80 |
| 1x32 | 1413-010032 | 4.91 |
| 1 1/4x32 | 1413-012032 | 5.14 |
| 1 1/2x40 | 1413-015040 | 6.60 |
| 2x50 | 1413-050051 | 8.27 |

Male Adaptor

Male BSP Thread x Hose Insert



| | | |
|----------|-------------|-------|
| 1/4x7 | 1436-002007 | 1.26 |
| 1/4x12 | 1436-002012 | 1.36 |
| 3/8x10 | 1436-003010 | 1.36 |
| 3/8x12 | 1436-003012 | 1.39 |
| 3/8x16 | 1436-003016 | 1.72 |
| 1/2x13 | 1436-005013 | 1.56 |
| 1/2x16 | 1436-005016 | 1.72 |
| 1/2x20 | 1436-005020 | 1.78 |
| 3/4x10 | 1436-007010 | 1.72 |
| 3/4x13 | 1436-007013 | 1.86 |
| 3/4x16 | 1436-007016 | 1.72 |
| 3/4x20 | 1436-007020 | 1.86 |
| 3/4x25 | 1436-007025 | 2.09 |
| 1x20 | 1436-010020 | 2.16 |
| 1x25 | 1436-010025 | 2.38 |
| 1x32 | 1436-010032 | 3.20 |
| 1 1/4x20 | 1436-012020 | 4.84 |
| 1 1/4x25 | 1436-012025 | 3.35 |
| 1 1/4x32 | 1436-012032 | 4.24 |
| 1 1/4x40 | 1436-012040 | 5.52 |
| 1 1/2x38 | 1436-015038 | 5.52 |
| 1 1/2x50 | 1436-015050 | 5.90 |
| 2x50 | 1436-020050 | 6.72 |
| 3x75 | 1436-030075 | 12.87 |
| 4x100 | 1436-040100 | 14.52 |

Female Adaptor

Hose Spigot x Female BSP Thread



| | | |
|----------|-------------|-------|
| 3/8x10 | 1435-003010 | 2.46 |
| 1/2x13 | 1435-005013 | 2.85 |
| 3/4x13 | 1435-007013 | 2.97 |
| 3/4x20 | 1435-007020 | 3.20 |
| 1x20 | 1435-010020 | 3.20 |
| 1x25 | 1435-010025 | 3.51 |
| 1 1/4x25 | 1435-012025 | 3.58 |
| 1 1/4x32 | 1435-012032 | 4.62 |
| 1 1/2x40 | 1435-015040 | 6.32 |
| 2x50 | 1435-020050 | 8.34 |
| 3x75 | 1435-030075 | 19.23 |
| 4x100 | 1435-040100 | 26.36 |