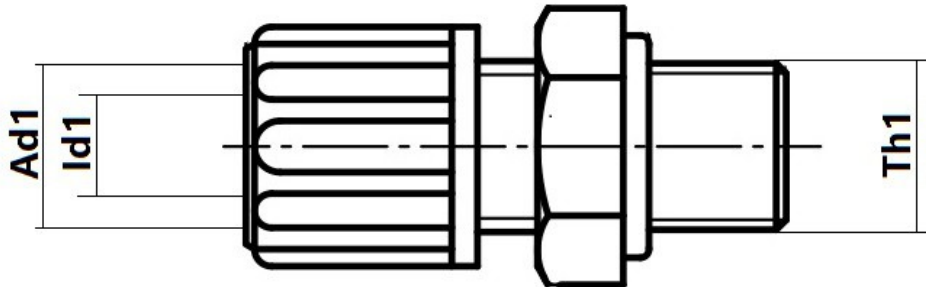


The firm flexible Tubing is widened is pushed over the integrated barbed side. It is fixed by knurled nut which presses a cutting ring to a sealing which forms a tightness for the connection. The shear force of the cutting ring intensifies the contact pressure. A solid, friction-locked, leak-tight and removable connection with low dead volume is the result. On the other side is a Male Thread that can be screwed in any fitting counter piece.


**Id1 = Inner-Ø**
**Tubing 1:**

- 3,18 mm (1/8")
- 3,97 mm (5/32")
- 4,0 mm
- 4,23 mm (1/6")
- 4,76 mm (3/16")
- 5,0 mm
- 6,0 mm
- 6,35 mm (1/4")
- 8,0 mm
- 9,0 mm
- 9,53 mm (3/8")
- 10,0 mm
- 12,0 mm
- 14,0 mm
- 16,0 mm
- 18,0 mm

**Ad1 = Outer-Ø**
**Tubing 1:**

- 6,0 mm
- 6,35 mm (1/4")
- 8,0 mm
- 9,0 mm
- 9,53 mm (3/8")
- 10,0 mm
- 12,0 mm
- 12,7 mm (1/2")
- 14,0 mm
- 16,0 mm
- 18,0 mm
- 20,0 mm

**Th1 = Male Thread:**

- G1/2"
- G1/4"
- G1/8"
- G3/8"
- NPT1/4"
- NPT1/8"
- NPT1/2"
- NPT3/8"
- NPT3/4"
- M5x0,8
- M6x1
- M10x1
- M10x1,5
- M12x1,5
- M14x1,5
- M16x1,5
- M20x1,5
- M16x1,5
- UNF1/4"-28

**Material:**

- PFA
- PVDF
- Polypropylene

### Straight Threaded PFA Tubing Connector Standard Sizes

| Part number | Id1 = Inner-Ø<br>Tubing 1: | Ad1 = Outer-Ø<br>Tubing1: | Th1 = Male<br>Thread | Material: |
|-------------|----------------------------|---------------------------|----------------------|-----------|
| PFGE0001    | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G1/2"                | PFA       |
| PFGE0002    | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G1/4"                | PFA       |
| PFGE0003    | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G1/4"                | PFA       |
| PFGE0004    | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G1/8"                | PFA       |
| PFGE0005    | 3,18 mm (1/8")             | 6,35 mm (1/4")            | NPT1/4"              | PFA       |
| PFGE0006    | 3,18 mm (1/8")             | 6,35 mm (1/4")            | NPT1/8"              | PFA       |
| PFGE0007    | 3,18 mm (1/8")             | 6,35 mm (1/4")            | UNF1/4"-28           | PFA       |
| PFGE0008    | 3,97 mm (5/32")            | 6,35 mm (1/4")            | G1/4"                | PFA       |
| PFGE0009    | 3,97 mm (5/32")            | 6,35 mm (1/4")            | G1/8"                | PFA       |
| PFGE0010    | 3,97 mm (5/32")            | 6,35 mm (1/4")            | NPT1/4"              | PFA       |

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| Part number | Id1 = Inner-Ø<br>Tubing 1: | Ad1 = Outer-Ø<br>Tubing1: | Th1 = Male<br>Thread | Material: |
|-------------|----------------------------|---------------------------|----------------------|-----------|
| PFGE0011    | 3,97 mm (5/32")            | 6,35 mm (1/4")            | NPT1/8"              | PFA       |
| PFGE0012    | 4,0 mm                     | 6,0 mm                    | M5x0,8               | PFA       |
| PFGE0013    | 4,0 mm                     | 6,0 mm                    | M6x1                 | PFA       |
| PFGE0014    | 4,0 mm                     | 6,0 mm                    | M6x1                 | PFA       |
| PFGE0015    | 4,0 mm                     | 6,0 mm                    | M10x1                | PFA       |
| PFGE0016    | 4,0 mm                     | 6,0 mm                    | M10x1,5              | PFA       |
| PFGE0017    | 4,0 mm                     | 6,0 mm                    | M10x1,5              | PFA       |
| PFGE0018    | 4,0 mm                     | 6,0 mm                    | M12x1,5              | PFA       |
| PFGE0019    | 4,0 mm                     | 6,0 mm                    | G1/2"                | PFA       |
| PFGE0020    | 4,0 mm                     | 6,0 mm                    | G1/4"                | PFA       |
| PFGE0021    | 4,0 mm                     | 6,0 mm                    | G1/4"                | PFA       |
| PFGE0022    | 4,0 mm                     | 6,0 mm                    | G1/4"                | PFA       |
| PFGE0023    | 4,0 mm                     | 6,0 mm                    | G1/4"                | PFA       |
| PFGE0024    | 4,0 mm                     | 6,0 mm                    | G1/8"                | PFA       |
| PFGE0025    | 4,0 mm                     | 6,0 mm                    | G1/8"                | PFA       |
| PFGE0026    | 4,0 mm                     | 6,0 mm                    | G1/8"                | PFA       |
| PFGE0027    | 4,0 mm                     | 6,0 mm                    | G1/8"                | PFA       |
| PFGE0028    | 4,0 mm                     | 6,0 mm                    | G3/8"                | PFA       |
| PFGE0029    | 4,0 mm                     | 6,0 mm                    | NPT1/2"              | PFA       |
| PFGE0030    | 4,0 mm                     | 6,0 mm                    | NPT1/4"              | PFA       |
| PFGE0031    | 4,0 mm                     | 6,0 mm                    | NPT1/8"              | PFA       |
| PFGE0032    | 4,0 mm                     | 6,0 mm                    | NPT3/8"              | PFA       |
| PFGE0033    | 4,0 mm                     | 6,0 mm                    | UNF1/4"-28           | PFA       |
| PFGE0034    | 4,23 mm (1/6")             | 6,35 mm (1/4")            | G1/2"                | PFA       |
| PFGE0035    | 4,23 mm (1/6")             | 6,35 mm (1/4")            | G1/4"                | PFA       |
| PFGE0036    | 4,23 mm (1/6")             | 6,35 mm (1/4")            | G1/4"                | PFA       |
| PFGE0037    | 4,23 mm (1/6")             | 6,35 mm (1/4")            | G1/4"                | PFA       |
| PFGE0038    | 4,23 mm (1/6")             | 6,35 mm (1/4")            | G1/8"                | PFA       |
| PFGE0039    | 4,23 mm (1/6")             | 6,35 mm (1/4")            | G1/8"                | PFA       |
| PFGE0040    | 4,23 mm (1/6")             | 6,35 mm (1/4")            | G3/8"                | PFA       |
| PFGE0041    | 4,23 mm (1/6")             | 6,35 mm (1/4")            | NPT1/2"              | PFA       |
| PFGE0042    | 4,23 mm (1/6")             | 6,35 mm (1/4")            | NPT1/4"              | PFA       |
| PFGE0043    | 4,23 mm (1/6")             | 6,35 mm (1/4")            | NPT1/8"              | PFA       |
| PFGE0044    | 4,23 mm (1/6")             | 6,35 mm (1/4")            | NPT3/8"              | PFA       |
| PFGE0045    | 4,76 mm (3/16")            | 6,35 mm (1/4")            | G1/4"                | PFA       |
| PFGE0046    | 4,76 mm (3/16")            | 6,35 mm (1/4")            | G1/8"                | PFA       |
| PFGE0047    | 5,0 mm                     | 8,0 mm                    | G1/2"                | PFA       |

**Id1 = Inner-Ø**
**Ad1 = Outer-Ø**
**Th1 = Male**
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| Part number | Tubing 1:      | Tubing1:       | Thread  | Material: |
|-------------|----------------|----------------|---------|-----------|
| PFGE0048    | 5,0 mm         | 8,0 mm         | G1/4"   | PFA       |
| PFGE0049    | 5,0 mm         | 8,0 mm         | G1/8"   | PFA       |
| PFGE0050    | 5,0 mm         | 8,0 mm         | NPT1/2" | PFA       |
| PFGE0051    | 6,0 mm         | 8,0 mm         | M10x1,5 | PFA       |
| PFGE0052    | 6,0 mm         | 8,0 mm         | M14x1,5 | PFA       |
| PFGE0053    | 6,0 mm         | 8,0 mm         | M16x1,5 | PFA       |
| PFGE0054    | 6,0 mm         | 8,0 mm         | M20x1,5 | PFA       |
| PFGE0055    | 6,0 mm         | 8,0 mm         | G1/2"   | PFA       |
| PFGE0056    | 6,0 mm         | 8,0 mm         | G1/4"   | PFA       |
| PFGE0057    | 6,0 mm         | 8,0 mm         | G1/4"   | PFA       |
| PFGE0058    | 6,0 mm         | 8,0 mm         | G1/4"   | PFA       |
| PFGE0059    | 6,0 mm         | 8,0 mm         | G1/8"   | PFA       |
| PFGE0060    | 6,0 mm         | 8,0 mm         | G3/8"   | PFA       |
| PFGE0061    | 6,0 mm         | 8,0 mm         | G3/8"   | PFA       |
| PFGE0062    | 6,0 mm         | 8,0 mm         | NPT1/2" | PFA       |
| PFGE0063    | 6,0 mm         | 8,0 mm         | NPT1/4" | PFA       |
| PFGE0064    | 6,0 mm         | 8,0 mm         | NPT1/8" | PFA       |
| PFGE0065    | 6,0 mm         | 8,0 mm         | NPT3/8" | PFA       |
| PFGE0066    | 6,0 mm         | 9,0 mm         | G1/4"   | PFA       |
| PFGE0067    | 6,0 mm         | 9,0 mm         | G1/8"   | PFA       |
| PFGE0068    | 6,0 mm         | 9,0 mm         | G3/8"   | PFA       |
| PFGE0069    | 6,0 mm         | 10,0 mm        | M10x1,5 | PFA       |
| PFGE0070    | 6,0 mm         | 10,0 mm        | G1/2"   | PFA       |
| PFGE0071    | 6,0 mm         | 10,0 mm        | G1/4"   | PFA       |
| PFGE0072    | 6,0 mm         | 10,0 mm        | G1/8"   | PFA       |
| PFGE0073    | 6,0 mm         | 10,0 mm        | G3/8"   | PFA       |
| PFGE0074    | 6,0 mm         | 10,0 mm        | NPT1/2" | PFA       |
| PFGE0075    | 6,0 mm         | 10,0 mm        | NPT1/4" | PFA       |
| PFGE0076    | 6,0 mm         | 10,0 mm        | NPT1/8" | PFA       |
| PFGE0077    | 6,0 mm         | 10,0 mm        | NPT3/8" | PFA       |
| PFGE0078    | 6,35 mm (1/4") | 9,53 mm (3/8") | G1/2"   | PFA       |
| PFGE0079    | 6,35 mm (1/4") | 9,53 mm (3/8") | G1/2"   | PFA       |
| PFGE0080    | 6,35 mm (1/4") | 9,53 mm (3/8") | G1/4"   | PFA       |
| PFGE0081    | 6,35 mm (1/4") | 9,53 mm (3/8") | G1/8"   | PFA       |
| PFGE0082    | 6,35 mm (1/4") | 9,53 mm (3/8") | G3/8"   | PFA       |
| PFGE0083    | 6,35 mm (1/4") | 9,53 mm (3/8") | NPT1/2" | PFA       |
| PFGE0084    | 6,35 mm (1/4") | 9,53 mm (3/8") | NPT1/4" | PFA       |

**Part number**      **Id1 = Inner-Ø**      **Ad1 = Outer-Ø**      **Th1 = Male**  
**Tubing 1:**      **Tubing1:**      **Thread**      **Material:**

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|          |                                    |                                   |                              |                  |
|----------|------------------------------------|-----------------------------------|------------------------------|------------------|
| PFGE0085 | 6,35 mm (1/4")                     | 9,53 mm (3/8")                    | NPT1/8"                      | PFA              |
| PFGE0086 | 6,35 mm (1/4")                     | 9,53 mm (3/8")                    | NPT3/8"                      | PFA              |
| PFGE0087 | 8,0 mm                             | 10,0 mm                           | M10x1,5                      | PFA              |
| PFGE0088 | 8,0 mm                             | 10,0 mm                           | G1/2"                        | PFA              |
| PFGE0089 | 8,0 mm                             | 10,0 mm                           | G1/4"                        | PFA              |
| PFGE0090 | 8,0 mm                             | 10,0 mm                           | G1/4"                        | PFA              |
| PFGE0091 | 8,0 mm                             | 10,0 mm                           | G1/8"                        | PFA              |
| PFGE0092 | 8,0 mm                             | 10,0 mm                           | G1/8"                        | PFA              |
| PFGE0093 | 8,0 mm                             | 10,0 mm                           | G3/8"                        | PFA              |
| PFGE0094 | 8,0 mm                             | 10,0 mm                           | G3/8"                        | PFA              |
| PFGE0095 | 8,0 mm                             | 10,0 mm                           | NPT1/2"                      | PFA              |
| PFGE0096 | 8,0 mm                             | 10,0 mm                           | NPT1/4"                      | PFA              |
| PFGE0097 | 8,0 mm                             | 10,0 mm                           | NPT1/8"                      | PFA              |
| PFGE0098 | 8,0 mm                             | 10,0 mm                           | NPT3/8"                      | PFA              |
| PFGE0099 | 8,0 mm                             | 12,0 mm                           | G1/2"                        | PFA              |
| PFGE0100 | 8,0 mm                             | 12,0 mm                           | G1/4"                        | PFA              |
| PFGE0101 | 8,0 mm                             | 12,0 mm                           | G3/8"                        | PFA              |
| PFGE0102 | 8,0 mm                             | 12,0 mm                           | NPT1/2"                      | PFA              |
| PFGE0103 | 8,0 mm                             | 12,0 mm                           | NPT1/4"                      | PFA              |
| PFGE0104 | 8,0 mm                             | 12,0 mm                           | NPT3/8"                      | PFA              |
| PFGE0105 | 9,0 mm                             | 12,0 mm                           | G1/2"                        | PFA              |
| PFGE0106 | 9,0 mm                             | 12,0 mm                           | G1/4"                        | PFA              |
| PFGE0107 | 9,0 mm                             | 12,0 mm                           | G3/8"                        | PFA              |
| PFGE0108 | 9,0 mm                             | 12,0 mm                           | NPT1/2"                      | PFA              |
| PFGE0109 | 9,53 mm (3/8")                     | 12,7 mm (1/2")                    | G1/2"                        | PFA              |
| PFGE0110 | 9,53 mm (3/8")                     | 12,7 mm (1/2")                    | G1/4"                        | PFA              |
| PFGE0111 | 9,53 mm (3/8")                     | 12,7 mm (1/2")                    | G1/4"                        | PFA              |
| PFGE0112 | 9,53 mm (3/8")                     | 12,7 mm (1/2")                    | G3/8"                        | PFA              |
| PFGE0113 | 9,53 mm (3/8")                     | 12,7 mm (1/2")                    | NPT1/2"                      | PFA              |
| PFGE0114 | 9,53 mm (3/8")                     | 12,7 mm (1/2")                    | NPT1/4"                      | PFA              |
| PFGE0115 | 9,53 mm (3/8")                     | 12,7 mm (1/2")                    | NPT3/4"                      | PFA              |
| PFGE0116 | 9,53 mm (3/8")                     | 12,7 mm (1/2")                    | NPT3/8"                      | PFA              |
| PFGE0117 | 10,0 mm                            | 12,0 mm                           | M12x1,5                      | PFA              |
| PFGE0118 | 10,0 mm                            | 12,0 mm                           | M18x1,5                      | PFA              |
| PFGE0119 | 10,0 mm                            | 12,0 mm                           | G1/2"                        | PFA              |
| PFGE0120 | 10,0 mm                            | 12,0 mm                           | G1/2"                        | PFA              |
| PFGE0121 | 10,0 mm                            | 12,0 mm                           | G1/4"                        | PFA              |
|          | <b>Id1 = Inner-Ø<br/>Tubing 1:</b> | <b>Ad1 = Outer-Ø<br/>Tubing1:</b> | <b>Th1 = Male<br/>Thread</b> | <b>Material:</b> |
| PFGE0122 | 10,0 mm                            | 12,0 mm                           | G1/8"                        | PFA              |

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|          |         |         |         |     |
|----------|---------|---------|---------|-----|
| PFGE0123 | 10,0 mm | 12,0 mm | G3/4"   | PFA |
| PFGE0124 | 10,0 mm | 12,0 mm | G3/8"   | PFA |
| PFGE0125 | 10,0 mm | 12,0 mm | G3/8"   | PFA |
| PFGE0126 | 10,0 mm | 12,0 mm | NPT1/2" | PFA |
| PFGE0127 | 10,0 mm | 12,0 mm | NPT1/4" | PFA |
| PFGE0128 | 10,0 mm | 12,0 mm | NPT3/4" | PFA |
| PFGE0129 | 10,0 mm | 12,0 mm | NPT3/8" | PFA |
| PFGE0130 | 10,0 mm | 14,0 mm | G1/2"   | PFA |
| PFGE0131 | 10,0 mm | 14,0 mm | G3/8"   | PFA |
| PFGE0132 | 12,0 mm | 14,0 mm | G1/2"   | PFA |
| PFGE0133 | 12,0 mm | 14,0 mm | G1/4"   | PFA |
| PFGE0134 | 12,0 mm | 14,0 mm | G3/4"   | PFA |
| PFGE0135 | 12,0 mm | 14,0 mm | G3/8"   | PFA |
| PFGE0136 | 12,0 mm | 14,0 mm | NPT1/2" | PFA |
| PFGE0137 | 12,0 mm | 14,0 mm | NPT1/4" | PFA |
| PFGE0138 | 12,0 mm | 14,0 mm | NPT3/8" | PFA |
| PFGE0139 | 12,0 mm | 16,0 mm | G1/2"   | PFA |
| PFGE0140 | 12,0 mm | 16,0 mm | NPT1/2" | PFA |
| PFGE0141 | 14,0 mm | 16,0 mm | G1/2"   | PFA |
| PFGE0142 | 14,0 mm | 16,0 mm | G3/8"   | PFA |
| PFGE0143 | 14,0 mm | 16,0 mm | NPT1/2" | PFA |
| PFGE0144 | 14,0 mm | 16,0 mm | NPT3/4" | PFA |
| PFGE0145 | 16,0 mm | 18,0 mm | G1/2"   | PFA |
| PFGE0146 | 16,0 mm | 20,0 mm | G1/2"   | PFA |
| PFGE0147 | 16,0 mm | 20,0 mm | G3/4"   | PFA |
| PFGE0148 | 18,0 mm | 20,0 mm | G3/4"   | PFA |
| PFGE0149 | 18,0 mm | 20,0 mm | NPT3/4" | PFA |

### Straight Threaded PVDF Tubing Connector Standard Sizes

| Part number | Id1 = Inner-Ø<br>Tubing 1: | Ad1 = Outer-Ø<br>Tubing1: | Th1 = Male<br>Thread | Material: |
|-------------|----------------------------|---------------------------|----------------------|-----------|
| PVGE001     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G1/2"                | PVDF      |
| PVGE002     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G1/4"                | PVDF      |
| PVGE003     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G1/8"                | PVDF      |
| PVGE004     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G1/8"                | PVDF      |
| PVGE005     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | NPT1/2"              | PVDF      |

| Part number | Id1 = Inner-Ø<br>Tubing 1: | Ad1 = Outer-Ø<br>Tubing1: | Th1 = Male<br>Thread | Material: |
|-------------|----------------------------|---------------------------|----------------------|-----------|
| PVGE006     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | NPT1/4"              | PVDF      |
| PVGE007     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | NPT1/8"              | PVDF      |

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|         |                 |                |            |      |
|---------|-----------------|----------------|------------|------|
| PVGE008 | 3,97 mm (5/32") | 6,35 mm (1/4") | G1/2"      | PVDF |
| PVGE009 | 3,97 mm (5/32") | 6,35 mm (1/4") | G1/8"      | PVDF |
| PVGE010 | 3,97 mm (5/32") | 6,35 mm (1/4") | NPT1/4"    | PVDF |
| PVGE011 | 3,97 mm (5/32") | 6,35 mm (1/4") | NPT1/8"    | PVDF |
| PVGE012 | 4,0 mm          | 6,0 mm         | M5x0,8     | PVDF |
| PVGE013 | 4,0 mm          | 6,0 mm         | M6x1       | PVDF |
| PVGE014 | 4,0 mm          | 6,0 mm         | M10x1      | PVDF |
| PVGE015 | 4,0 mm          | 6,0 mm         | M10x1      | PVDF |
| PVGE016 | 4,0 mm          | 6,0 mm         | M12x1,5    | PVDF |
| PVGE017 | 4,0 mm          | 6,0 mm         | G1/2"      | PVDF |
| PVGE018 | 4,0 mm          | 6,0 mm         | G1/2"      | PVDF |
| PVGE019 | 4,0 mm          | 6,0 mm         | G1/4"      | PVDF |
| PVGE020 | 4,0 mm          | 6,0 mm         | G1/4"      | PVDF |
| PVGE021 | 4,0 mm          | 6,0 mm         | G1/8"      | PVDF |
| PVGE022 | 4,0 mm          | 6,0 mm         | G1/8"      | PVDF |
| PVGE023 | 4,0 mm          | 6,0 mm         | G3/8"      | PVDF |
| PVGE024 | 4,0 mm          | 6,0 mm         | G3/8"      | PVDF |
| PVGE025 | 4,0 mm          | 6,0 mm         | NPT1/2"    | PVDF |
| PVGE026 | 4,0 mm          | 6,0 mm         | NPT1/4"    | PVDF |
| PVGE027 | 4,0 mm          | 6,0 mm         | NPT1/8"    | PVDF |
| PVGE028 | 4,0 mm          | 6,0 mm         | NPT3/8"    | PVDF |
| PVGE029 | 4,0 mm          | 6,0 mm         | UNF1/4"-28 | PVDF |
| PVGE030 | 4,23 mm (1/6")  | 6,35 mm (1/4") | G1/2"      | PVDF |
| PVGE031 | 4,23 mm (1/6")  | 6,35 mm (1/4") | G1/2"      | PVDF |
| PVGE032 | 4,23 mm (1/6")  | 6,35 mm (1/4") | G1/4"      | PVDF |
| PVGE033 | 4,23 mm (1/6")  | 6,35 mm (1/4") | G1/8"      | PVDF |
| PVGE034 | 4,23 mm (1/6")  | 6,35 mm (1/4") | G3/8"      | PVDF |
| PVGE035 | 4,23 mm (1/6")  | 6,35 mm (1/4") | NPT1/2"    | PVDF |
| PVGE036 | 4,23 mm (1/6")  | 6,35 mm (1/4") | NPT1/4"    | PVDF |
| PVGE037 | 4,23 mm (1/6")  | 6,35 mm (1/4") | NPT1/8"    | PVDF |
| PVGE038 | 4,23 mm (1/6")  | 6,35 mm (1/4") | NPT3/8"    | PVDF |
| PVGE039 | 5,0 mm          | 8,0 mm         | G1/2"      | PVDF |
| PVGE040 | 5,0 mm          | 8,0 mm         | G1/2"      | PVDF |
| PVGE041 | 5,0 mm          | 8,0 mm         | G1/4"      | PVDF |
| PVGE042 | 5,0 mm          | 8,0 mm         | G1/8"      | PVDF |

| Part number | <b>Id1 = Inner-Ø<br/>Tubing 1:</b> | <b>Ad1 = Outer-Ø<br/>Tubing1:</b> | <b>Th1 = Male<br/>Thread</b> | <b>Material:</b> |
|-------------|------------------------------------|-----------------------------------|------------------------------|------------------|
| PVGE043     | 5,0 mm                             | 8,0 mm                            | G3/8"                        | PVDF             |
| PVGE044     | 5,0 mm                             | 8,0 mm                            | NPT1/4"                      | PVDF             |
| PVGE045     | 6,0 mm                             | 8,0 mm                            | M12x1,5                      | PVDF             |

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|         |                |                |         |      |
|---------|----------------|----------------|---------|------|
| PVGE046 | 6,0 mm         | 8,0 mm         | G1/2"   | PVDF |
| PVGE047 | 6,0 mm         | 8,0 mm         | G1/2"   | PVDF |
| PVGE048 | 6,0 mm         | 8,0 mm         | G1/4"   | PVDF |
| PVGE049 | 6,0 mm         | 8,0 mm         | G1/4"   | PVDF |
| PVGE050 | 6,0 mm         | 8,0 mm         | G1/4"   | PVDF |
| PVGE051 | 6,0 mm         | 8,0 mm         | G1/8"   | PVDF |
| PVGE052 | 6,0 mm         | 8,0 mm         | G1/8"   | PVDF |
| PVGE053 | 6,0 mm         | 8,0 mm         | G3/8"   | PVDF |
| PVGE054 | 6,0 mm         | 8,0 mm         | G3/8"   | PVDF |
| PVGE055 | 6,0 mm         | 8,0 mm         | NPT1/2" | PVDF |
| PVGE056 | 6,0 mm         | 8,0 mm         | NPT1/4" | PVDF |
| PVGE057 | 6,0 mm         | 8,0 mm         | NPT1/8" | PVDF |
| PVGE058 | 6,0 mm         | 8,0 mm         | NPT3/8" | PVDF |
| PVGE059 | 6,0 mm         | 9,0 mm         | G1/2"   | PVDF |
| PVGE060 | 6,0 mm         | 9,0 mm         | G1/4"   | PVDF |
| PVGE061 | 6,0 mm         | 9,0 mm         | G1/8"   | PVDF |
| PVGE062 | 6,0 mm         | 9,0 mm         | G3/8"   | PVDF |
| PVGE063 | 6,0 mm         | 9,0 mm         | NPT1/4" | PVDF |
| PVGE064 | 6,0 mm         | 10,0 mm        | G1/2"   | PVDF |
| PVGE065 | 6,0 mm         | 10,0 mm        | G1/4"   | PVDF |
| PVGE066 | 6,0 mm         | 10,0 mm        | G1/8"   | PVDF |
| PVGE067 | 6,35 mm (1/4") | 9,53 mm (3/8") | G1/2"   | PVDF |
| PVGE068 | 6,35 mm (1/4") | 9,53 mm (3/8") | G1/4"   | PVDF |
| PVGE069 | 6,35 mm (1/4") | 9,53 mm (3/8") | G1/8"   | PVDF |
| PVGE070 | 6,35 mm (1/4") | 9,53 mm (3/8") | G3/8"   | PVDF |
| PVGE071 | 6,35 mm (1/4") | 9,53 mm (3/8") | NPT1/2" | PVDF |
| PVGE072 | 6,35 mm (1/4") | 9,53 mm (3/8") | NPT1/4" | PVDF |
| PVGE073 | 6,35 mm (1/4") | 9,53 mm (3/8") | NPT3/8" | PVDF |
| PVGE074 | 8,0 mm         | 10,0 mm        | G1/2"   | PVDF |
| PVGE075 | 8,0 mm         | 10,0 mm        | G1/2"   | PVDF |
| PVGE076 | 8,0 mm         | 10,0 mm        | G1/4"   | PVDF |
| PVGE077 | 8,0 mm         | 10,0 mm        | G1/4"   | PVDF |
| PVGE078 | 8,0 mm         | 10,0 mm        | G1/8"   | PVDF |
| PVGE079 | 8,0 mm         | 10,0 mm        | G1/8"   | PVDF |

| Part number | Id1 = Inner-Ø<br>Tubing 1: | Ad1 = Outer-Ø<br>Tubing1: | Th1 = Male<br>Thread | Material: |
|-------------|----------------------------|---------------------------|----------------------|-----------|
| PVGE080     | 8,0 mm                     | 10,0 mm                   | G3/8"                | PVDF      |
| PVGE081     | 8,0 mm                     | 10,0 mm                   | G3/8"                | PVDF      |
| PVGE082     | 8,0 mm                     | 10,0 mm                   | NPT1/2"              | PVDF      |
| PVGE083     | 8,0 mm                     | 10,0 mm                   | NPT1/4"              | PVDF      |

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|         |                |                |         |      |
|---------|----------------|----------------|---------|------|
| PVGE084 | 8,0 mm         | 10,0 mm        | NPT1/8" | PVDF |
| PVGE085 | 8,0 mm         | 10,0 mm        | NPT3/8" | PVDF |
| PVGE086 | 8,0 mm         | 12,0 mm        | G1/2"   | PVDF |
| PVGE087 | 8,0 mm         | 12,0 mm        | G1/4"   | PVDF |
| PVGE088 | 8,0 mm         | 12,0 mm        | NPT1/2" | PVDF |
| PVGE089 | 9,0 mm         | 12,0 mm        | G1/2"   | PVDF |
| PVGE090 | 9,0 mm         | 12,0 mm        | G1/4"   | PVDF |
| PVGE091 | 9,0 mm         | 12,0 mm        | G3/8"   | PVDF |
| PVGE092 | 9,0 mm         | 12,0 mm        | NPT1/2" | PVDF |
| PVGE093 | 9,53 mm (3/8") | 12,7 mm (1/2") | G1/2"   | PVDF |
| PVGE094 | 9,53 mm (3/8") | 12,7 mm (1/2") | G1/2"   | PVDF |
| PVGE095 | 9,53 mm (3/8") | 12,7 mm (1/2") | G1/4"   | PVDF |
| PVGE096 | 9,53 mm (3/8") | 12,7 mm (1/2") | G3/8"   | PVDF |
| PVGE097 | 9,53 mm (3/8") | 12,7 mm (1/2") | NPT1/2" | PVDF |
| PVGE098 | 9,53 mm (3/8") | 12,7 mm (1/2") | NPT1/4" | PVDF |
| PVGE099 | 9,53 mm (3/8") | 12,7 mm (1/2") | NPT1/8" | PVDF |
| PVGE100 | 9,53 mm (3/8") | 12,7 mm (1/2") | NPT3/4" | PVDF |
| PVGE101 | 9,53 mm (3/8") | 12,7 mm (1/2") | NPT3/8" | PVDF |
| PVGE102 | 10,0 mm        | 12,0 mm        | M12x1,5 | PVDF |
| PVGE103 | 10,0 mm        | 12,0 mm        | G1"     | PVDF |
| PVGE104 | 10,0 mm        | 12,0 mm        | G1/2"   | PVDF |
| PVGE105 | 10,0 mm        | 12,0 mm        | G1/2"   | PVDF |
| PVGE106 | 10,0 mm        | 12,0 mm        | G1/2"   | PVDF |
| PVGE107 | 10,0 mm        | 12,0 mm        | G1/4"   | PVDF |
| PVGE108 | 10,0 mm        | 12,0 mm        | G1/4"   | PVDF |
| PVGE109 | 10,0 mm        | 12,0 mm        | G1/8"   | PVDF |
| PVGE110 | 10,0 mm        | 12,0 mm        | G3/4"   | PVDF |
| PVGE111 | 10,0 mm        | 12,0 mm        | G3/8"   | PVDF |
| PVGE112 | 10,0 mm        | 12,0 mm        | G3/8"   | PVDF |
| PVGE113 | 10,0 mm        | 12,0 mm        | NPT1/2" | PVDF |
| PVGE114 | 10,0 mm        | 12,0 mm        | NPT1/4" | PVDF |
| PVGE115 | 10,0 mm        | 12,0 mm        | NPT3/8" | PVDF |
| PVGE116 | 10,0 mm        | 14,0 mm        | G1/2"   | PVDF |

| Part number | Id1 = Inner-Ø<br>Tubing 1: | Ad1 = Outer-Ø<br>Tubing1: | Th1 = Male<br>Thread | Material: |
|-------------|----------------------------|---------------------------|----------------------|-----------|
| PVGE117     | 10,0 mm                    | 14,0 mm                   | G3/8"                | PVDF      |
| PVGE118     | 12,0 mm                    | 14,0 mm                   | G1/2"                | PVDF      |
| PVGE119     | 12,0 mm                    | 14,0 mm                   | G1/4"                | PVDF      |
| PVGE120     | 12,0 mm                    | 16,0 mm                   | G1/2"                | PVDF      |
| PVGE121     | 12,0 mm                    | 16,0 mm                   | G1/4"                | PVDF      |

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|         |                 |                 |         |      |
|---------|-----------------|-----------------|---------|------|
| PVGE122 | 15,88 mm (5/8") | 19,05 mm (3/4") | G1/2"   | PVDF |
| PVGE123 | 15,88 mm (5/8") | 19,05 mm (3/4") | G3/4"   | PVDF |
| PVGE124 | 15,88 mm (5/8") | 19,05 mm (3/4") | NPT3/4" | PVDF |
| PVGE125 | 16,0 mm         | 18,0 mm         | G1/2"   | PVDF |
| PVGE126 | 18,0 mm         | 20,0 mm         | G3/4"   | PVDF |
| PVGE127 | 18,0 mm         | 20,0 mm         | NPT1/2" | PVDF |
| PVGE128 | 18,0 mm         | 20,0 mm         | NPT3/4" | PVDF |

### Straight Threaded PP Tubing Connector Standard Sizes

| Part number | Id1 = Inner-Ø<br>Tubing 1: | Ad1 = Outer-Ø<br>Tubing1: | Th1 = Male<br>Thread | Material: |
|-------------|----------------------------|---------------------------|----------------------|-----------|
| PPGE001     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G1/2"                | PP        |
| PPGE002     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G1/4"                | PP        |
| PPGE003     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G1/8"                | PP        |
| PPGE004     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | G3/8"                | PP        |
| PPGE005     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | NPT1/4"              | PP        |
| PPGE006     | 3,18 mm (1/8")             | 6,35 mm (1/4")            | UNF1/4"-28           | PP        |
| PPGE007     | 3,97 mm (5/32")            | 6,35 mm (1/4")            | G1/4"                | PP        |
| PPGE008     | 4,0 mm                     | 6,0 mm                    | M5x0,8               | PP        |
| PPGE009     | 4,0 mm                     | 6,0 mm                    | M6x1                 | PP        |
| PPGE010     | 4,0 mm                     | 6,0 mm                    | M10x1                | PP        |
| PPGE011     | 4,0 mm                     | 6,0 mm                    | M12x1,5              | PP        |
| PPGE012     | 4,0 mm                     | 6,0 mm                    | G1/2"                | PP        |
| PPGE013     | 4,0 mm                     | 6,0 mm                    | G1/2"                | PP        |
| PPGE014     | 4,0 mm                     | 6,0 mm                    | G1/4"                | PP        |
| PPGE015     | 4,0 mm                     | 6,0 mm                    | G1/4"                | PP        |
| PPGE016     | 4,0 mm                     | 6,0 mm                    | G1/4"                | PP        |
| PPGE017     | 4,0 mm                     | 6,0 mm                    | G1/8"                | PP        |
| PPGE018     | 4,0 mm                     | 6,0 mm                    | G1/8"                | PP        |
| PPGE019     | 4,0 mm                     | 6,0 mm                    | G1/8"                | PP        |
| PPGE020     | 4,0 mm                     | 6,0 mm                    | G3/8"                | PP        |
| PPGE021     | 4,0 mm                     | 6,0 mm                    | G3/8"                | PP        |

| Part number | Id1 = Inner-Ø<br>Tubing 1: | Ad1 = Outer-Ø<br>Tubing1: | Th1 = Male<br>Thread | Material: |
|-------------|----------------------------|---------------------------|----------------------|-----------|
| PPGE022     | 4,0 mm                     | 6,0 mm                    | NPT1/2"              | PP        |
| PPGE023     | 4,0 mm                     | 6,0 mm                    | NPT1/4"              | PP        |
| PPGE024     | 4,0 mm                     | 6,0 mm                    | NPT1/8"              | PP        |
| PPGE025     | 4,0 mm                     | 6,0 mm                    | NPT3/8"              | PP        |
| PPGE026     | 4,0 mm                     | 6,0 mm                    | UNF1/4"-28           | PP        |
| PPGE027     | 4,23 mm (1/6")             | 6,35 mm (1/4")            | G1/2"                | PP        |

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|         |                                    |                                   |                              |                  |
|---------|------------------------------------|-----------------------------------|------------------------------|------------------|
| PPGE028 | 4,23 mm (1/6")                     | 6,35 mm (1/4")                    | G1/4"                        | PP               |
| PPGE029 | 4,23 mm (1/6")                     | 6,35 mm (1/4")                    | G1/8"                        | PP               |
| PPGE030 | 4,23 mm (1/6")                     | 6,35 mm (1/4")                    | G3/8"                        | PP               |
| PPGE031 | 4,23 mm (1/6")                     | 6,35 mm (1/4")                    | NPT1/4"                      | PP               |
| PPGE032 | 4,23 mm (1/6")                     | 6,35 mm (1/4")                    | NPT1/8"                      | PP               |
| PPGE033 | 5,0 mm                             | 8,0 mm                            | G1/2"                        | PP               |
| PPGE034 | 5,0 mm                             | 8,0 mm                            | G1/4"                        | PP               |
| PPGE035 | 5,0 mm                             | 8,0 mm                            | G1/8"                        | PP               |
| PPGE036 | 5,0 mm                             | 8,0 mm                            | G3/8"                        | PP               |
| PPGE037 | 6,0 mm                             | 8,0 mm                            | M10x1                        | PP               |
| PPGE038 | 6,0 mm                             | 8,0 mm                            | M10x1,5                      | PP               |
| PPGE039 | 6,0 mm                             | 8,0 mm                            | G1/2"                        | PP               |
| PPGE040 | 6,0 mm                             | 8,0 mm                            | G1/2"                        | PP               |
| PPGE041 | 6,0 mm                             | 8,0 mm                            | G1/2"                        | PP               |
| PPGE042 | 6,0 mm                             | 8,0 mm                            | G1/4"                        | PP               |
| PPGE043 | 6,0 mm                             | 8,0 mm                            | G1/4"                        | PP               |
| PPGE044 | 6,0 mm                             | 8,0 mm                            | G1/4"                        | PP               |
| PPGE045 | 6,0 mm                             | 8,0 mm                            | G1/4"                        | PP               |
| PPGE046 | 6,0 mm                             | 8,0 mm                            | G1/8"                        | PP               |
| PPGE047 | 6,0 mm                             | 8,0 mm                            | G1/8"                        | PP               |
| PPGE048 | 6,0 mm                             | 8,0 mm                            | G1/8"                        | PP               |
| PPGE049 | 6,0 mm                             | 8,0 mm                            | G3/8"                        | PP               |
| PPGE050 | 6,0 mm                             | 8,0 mm                            | G3/8"                        | PP               |
| PPGE051 | 6,0 mm                             | 8,0 mm                            | NPT1/2"                      | PP               |
| PPGE052 | 6,0 mm                             | 8,0 mm                            | NPT1/4"                      | PP               |
| PPGE053 | 6,0 mm                             | 8,0 mm                            | NPT1/8"                      | PP               |
| PPGE054 | 6,0 mm                             | 8,0 mm                            | NPT3/8"                      | PP               |
| PPGE055 | 6,0 mm                             | 9,0 mm                            | G1/2"                        | PP               |
| PPGE056 | 6,0 mm                             | 9,0 mm                            | G1/4"                        | PP               |
| PPGE057 | 6,0 mm                             | 9,0 mm                            | G1/8"                        | PP               |
| PPGE058 | 6,0 mm                             | 9,0 mm                            | G3/8"                        | PP               |
|         | <b>Id1 = Inner-Ø<br/>Tubing 1:</b> | <b>Ad1 = Outer-Ø<br/>Tubing1:</b> | <b>Th1 = Male<br/>Thread</b> | <b>Material:</b> |
| PPGE059 | 6,0 mm                             | 9,0 mm                            | NPT1/2"                      | PP               |
| PPGE060 | 6,0 mm                             | 9,0 mm                            | NPT1/4"                      | PP               |
| PPGE061 | 6,0 mm                             | 9,0 mm                            | NPT3/8"                      | PP               |
| PPGE062 | 6,0 mm                             | 10,0 mm                           | G1/4"                        | PP               |
| PPGE063 | 6,0 mm                             | 10,0 mm                           | G1/4"                        | PP               |
| PPGE064 | 6,0 mm                             | 10,0 mm                           | G3/8"                        | PP               |
| PPGE065 | 6,0 mm                             | 10,0 mm                           | G3/8"                        | PP               |

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|         |                |                |         |    |
|---------|----------------|----------------|---------|----|
| PPGE066 | 6,35 mm (1/4") | 9,53 mm (3/8") | G1/2"   | PP |
| PPGE067 | 6,35 mm (1/4") | 9,53 mm (3/8") | G1/4"   | PP |
| PPGE068 | 6,35 mm (1/4") | 9,53 mm (3/8") | G3/8"   | PP |
| PPGE069 | 6,35 mm (1/4") | 9,53 mm (3/8") | NPT1/4" | PP |
| PPGE070 | 6,35 mm (1/4") | 9,53 mm (3/8") | NPT3/8" | PP |
| PPGE071 | 8,0 mm         | 10,0 mm        | G1/2"   | PP |
| PPGE072 | 8,0 mm         | 10,0 mm        | G1/2"   | PP |
| PPGE073 | 8,0 mm         | 10,0 mm        | G1/2"   | PP |
| PPGE074 | 8,0 mm         | 10,0 mm        | G1/4"   | PP |
| PPGE075 | 8,0 mm         | 10,0 mm        | G1/4"   | PP |
| PPGE076 | 8,0 mm         | 10,0 mm        | G1/4"   | PP |
| PPGE077 | 8,0 mm         | 10,0 mm        | G1/8"   | PP |
| PPGE078 | 8,0 mm         | 10,0 mm        | G3/8"   | PP |
| PPGE079 | 8,0 mm         | 10,0 mm        | G3/8"   | PP |
| PPGE080 | 8,0 mm         | 10,0 mm        | G3/8"   | PP |
| PPGE081 | 8,0 mm         | 10,0 mm        | NPT1/2" | PP |
| PPGE082 | 8,0 mm         | 10,0 mm        | NPT1/4" | PP |
| PPGE083 | 8,0 mm         | 10,0 mm        | NPT1/8" | PP |
| PPGE084 | 8,0 mm         | 10,0 mm        | NPT3/8" | PP |
| PPGE085 | 8,0 mm         | 12,0 mm        | G1/2"   | PP |
| PPGE086 | 8,0 mm         | 12,0 mm        | G1/4"   | PP |
| PPGE087 | 8,0 mm         | 12,0 mm        | NPT1/2" | PP |
| PPGE088 | 8,0 mm         | 12,0 mm        | NPT1/4" | PP |
| PPGE089 | 9,0 mm         | 12,0 mm        | G1/2"   | PP |
| PPGE090 | 9,0 mm         | 12,0 mm        | G1/4"   | PP |
| PPGE091 | 9,0 mm         | 12,0 mm        | G1/8"   | PP |
| PPGE092 | 9,0 mm         | 12,0 mm        | G3/4"   | PP |
| PPGE093 | 9,0 mm         | 12,0 mm        | G3/8"   | PP |
| PPGE094 | 9,0 mm         | 12,0 mm        | NPT1/2" | PP |
| PPGE095 | 9,53 mm (3/8") | 12,7 mm (1/2") | G1/2"   | PP |

| Part number | Id1 = Inner-Ø<br>Tubing 1: | Ad1 = Outer-Ø<br>Tubing 1: | Th1 = Male<br>Thread | Material: |
|-------------|----------------------------|----------------------------|----------------------|-----------|
| PPGE096     | 9,53 mm (3/8")             | 12,7 mm (1/2")             | G1/4"                | PP        |
| PPGE097     | 9,53 mm (3/8")             | 12,7 mm (1/2")             | G3/4"                | PP        |
| PPGE098     | 9,53 mm (3/8")             | 12,7 mm (1/2")             | NPT1/2"              | PP        |
| PPGE099     | 9,53 mm (3/8")             | 12,7 mm (1/2")             | NPT1/4"              | PP        |
| PPGE100     | 9,53 mm (3/8")             | 12,7 mm (1/2")             | NPT3/8"              | PP        |
| PPGE101     | 10,0 mm                    | 12,0 mm                    | M16x1,5              | PP        |
| PPGE102     | 10,0 mm                    | 12,0 mm                    | G1/2"                | PP        |
| PPGE103     | 10,0 mm                    | 12,0 mm                    | G1/2"                | PP        |

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|         |                 |                 |         |    |
|---------|-----------------|-----------------|---------|----|
| PPGE104 | 10,0 mm         | 12,0 mm         | G1/2"   | PP |
| PPGE105 | 10,0 mm         | 12,0 mm         | G1/4"   | PP |
| PPGE106 | 10,0 mm         | 12,0 mm         | G1/4"   | PP |
| PPGE107 | 10,0 mm         | 12,0 mm         | G1/8"   | PP |
| PPGE108 | 10,0 mm         | 12,0 mm         | G3/4"   | PP |
| PPGE109 | 10,0 mm         | 12,0 mm         | G3/8"   | PP |
| PPGE110 | 10,0 mm         | 12,0 mm         | NPT1/2" | PP |
| PPGE111 | 10,0 mm         | 12,0 mm         | NPT1/4" | PP |
| PPGE112 | 10,0 mm         | 12,0 mm         | NPT1/8" | PP |
| PPGE113 | 10,0 mm         | 12,0 mm         | NPT3/8" | PP |
| PPGE114 | 10,0 mm         | 14,0 mm         | G1/2"   | PP |
| PPGE115 | 10,0 mm         | 14,0 mm         | NPT1/4" | PP |
| PPGE116 | 10,0 mm         | 14,0 mm         | NPT3/8" | PP |
| PPGE117 | 12,0 mm         | 14,0 mm         | G1/2"   | PP |
| PPGE118 | 12,0 mm         | 14,0 mm         | G1/4"   | PP |
| PPGE119 | 12,0 mm         | 14,0 mm         | G3/8"   | PP |
| PPGE120 | 12,0 mm         | 14,0 mm         | NPT1/2" | PP |
| PPGE121 | 12,0 mm         | 16,0 mm         | G1/2"   | PP |
| PPGE122 | 12,0 mm         | 16,0 mm         | G1/4"   | PP |
| PPGE123 | 12,0 mm         | 16,0 mm         | G3/8"   | PP |
| PPGE124 | 14,0 mm         | 16,0 mm         | M14x1,5 | PP |
| PPGE125 | 15,88 mm (5/8") | 19,05 mm (3/4") | G1/2"   | PP |
| PPGE126 | 14,0 mm         | 16,0 mm         | NPT1/2" | PP |
| PPGE127 | 15,88 mm (5/8") | 19,05 mm (3/4") | NPT3/4" | PP |
| PPGE128 | 16,0 mm         | 20,0 mm         | G1/2"   | PP |
| PPGE129 | 16,0 mm         | 20,0 mm         | G1/2"   | PP |
| PPGE130 | 16,0 mm         | 20,0 mm         | G3/4"   | PP |