

# Easy Fit Metric Compression Fittings

## SECTION ONE (B)

## Features and Benefits

- Manufactured in New Zealand using Best Quality Materials to withstand the harshest weather conditions
- One piece fitting captive components when fitting assembled correctly
- O-Ring is pre-lubricated for easy pipe insertion and reliable leak free connections
- Manufactured from UV Stabilised High Quality Virgin Polypropylene giving weather, termite, fungi and bacterial resistance
- High Pressure Rated
- Sleek, Compact Design for easy installation
- Easy Grip Nuts for rapid winding onto pipe
- Dependable High Quality Threaded Components
- Potable (Drinking) water approved



The *Easy Fit* Metric Compression fitting range has been designed specifically for joining Metric Polyethylene pipe together. Building on 60 years experience in the manufacturing of pipe fittings and valves, the sleek, precision, compact design uses only the very best materials to withstand the harshest weather conditions.

### Conversion Chart

16 Bar – 1600 kPa – 235 psi

20° Celsius - 68° Fahrenheit

### Conversions

|           |             |
|-----------|-------------|
| 20mm – ½" | 40mm – 1 ¼" |
| 25mm – ¾" | 50mm – 1 ½" |
| 32mm – 1" | 63mm – 2"   |

### Metric Fittings will fit Pipes with the following specifications

- Black MDPE BS 6730
- Blue MDPE BS 6572
- Low Density Class C BS 1972/67
- Low Density Class D BS 1972/67
- High Density Class C BS 3284/67

Hansen *Easy Fit* Metric Compression Fittings are designed for Metric Polyethylene Pipe. Fitting sizes 20mm to 63mm are pressure rated to 16bar.

Hansen Products knows the importance that pipe fittings play in the performance and control of fluid delivery, flow and pressure within a pipe system. This has seen Hansen Products build a reputation for providing high performance, easy to use, innovative, simple products that provide our customers with "Best Installed Value". All Hansen products carry our Limited Lifetime Warranty\*.

\*For more information on our warranty please visit [www.hansenproducts.com/legal.htm](http://www.hansenproducts.com/legal.htm)

## Standards & Approvals

**WRAS:** Hansen *Easy Fit* Compression Fittings carry the WRAS approval by the Water Research Council in the UK which is the highest recognised water testing organisation in the world. A WRAS approved fitting must not cause waste, misuse, undue consumption or contamination of the water supply and must be of an appropriate quality and standard. Please refer to our website for full listing of the approved products [www.hansenproducts.com](http://www.hansenproducts.com)

**AS/NZS 4020:** Hansen *Easy Fit* Compression Fittings meet the requirements for products in contact with drinking water as per AS/NZS 4020 Australia & New Zealand drinking water standard. The equivalent standard to AS/NZS4020 is BS 6920.

**WaterMark™:** Hansen *Easy Fit* Compression Fittings have achieved the esteemed WaterMark™ certification for use in plumbing and drainage installations.

*Used for connecting Metric Polyethylene Pipe.*

**Metric Joiner**  
Poly x Poly



| Code         | Size          | Pack Size | RRP € excl VAT |
|--------------|---------------|-----------|----------------|
| HMIJ20/1/2   | 20mm / 1/2"   | EA        | 4.93           |
| HMIJ25/3/4   | 25mm / 3/4"   | EA        | 5.63           |
| HMIJ32/1     | 32mm / 1"     | EA        | 11.46          |
| HMIJ40/1-1/4 | 40mm / 1-1/4" | EA        | 18.11          |
| HMIJ50/1-1/2 | 50mm / 1-1/2" | EA        | 25.53          |
| HMIJ63/2     | 63mm / 2"     | EA        | 36.46          |

*Used for connecting Metric Polyethylene Pipe.*

**Metric Reducing Joiner**  
Poly x Poly



| Code                 | Size                          | Pack Size | RRP € excl VAT |
|----------------------|-------------------------------|-----------|----------------|
| HMIRJ25/3/4x20/1/2   | 25mm / 3/4" x 20mm / 1/2"     | EA        | 8.38           |
| HMIRJ32/1x20/1/2     | 32mm / 1" x 20mm / 1/2"       | EA        | 14.15          |
| HMIRJ32/1x25/3/4     | 32mm / 1" x 25mm / 3/4"       | EA        | 14.15          |
| HMIRJ40/1-1/4x25/3/4 | 40mm / 1-1/4" x 25mm / 3/4"   | EA        | 21.38          |
| HMIRJ40/1-1/4x32/1   | 40mm / 1-1/4" x 32mm / 1"     | EA        | 21.38          |
| HMIRJ50/1-1/2x32/1   | 50mm / 1-1/2" x 32mm / 1"     | EA        | 35.19          |
| HMIRJ50/11/2x40/11/4 | 50mm / 1-1/2" x 40mm / 1-1/4" | EA        | 35.19          |
| HMIRJ63/2x32/1       | 63mm / 2" x 32mm / 1"         | EA        | 46.20          |
| HMIRJ63/2x40/1-1/4   | 63mm / 2" x 40mm / 1-1/4"     | EA        | 46.20          |
| HMIRJ63/2x50/1-1/2   | 63mm / 2" x 50mm / 1-1/2"     | EA        | 46.20          |

*Used for connecting Metric Polyethylene Pipe to Female Threads.*

**Metric Male End Connector**  
Poly x M.I. BSPT



| Code                 | Size                   | Pack Size | RRP € excl VAT |
|----------------------|------------------------|-----------|----------------|
| HMIMEC20/1/2x1/2     | 20mm / 1/2" x 1/2"     | EA        | 3.82           |
| HMIMEC20/1/2x3/4     | 20mm / 1/2" x 3/4"     | EA        | 3.82           |
| HMIMEC25/3/4x3/4     | 25mm / 3/4" x 3/4"     | EA        | 4.77           |
| HMIMEC25/3/4x1       | 25mm / 3/4" x 1"       | EA        | 6.88           |
| HMIMEC32/1x3/4       | 32mm / 1" x 3/4"       | EA        | 7.42           |
| HMIMEC32/1x1         | 32mm / 1" x 1"         | EA        | 7.42           |
| HMIMEC32/1x1-1/4     | 32mm / 1" x 1-1/4"     | EA        | 7.42           |
| HMIMEC32/1x1-1/2     | 32mm / 1" x 1-1/2"     | EA        | 7.42           |
| HMIMEC40/1-1/4x1     | 40mm / 1-1/4" x 1"     | EA        | 13.43          |
| HMIMEC40/1-1/4x1-1/4 | 40mm / 1-1/4" x 1-1/4" | EA        | 13.43          |
| HMIMEC40/1-1/4x1-1/2 | 40mm / 1-1/4" x 1-1/2" | EA        | 13.43          |
| HMIMEC40/1-1/4x2     | 40mm / 1-1/4" x 2"     | EA        | 13.43          |
| HMIMEC50/1-1/2x1-1/2 | 50mm / 1-1/2" x 1-1/2" | EA        | 16.88          |
| HMIMEC50/1-1/2x2     | 50mm / 1-1/2" x 2"     | EA        | 16.88          |
| HMIMEC63/2x1-1/2     | 63mm / 2" x 1-1/2"     | EA        | 23.02          |
| HMIMEC63/2x2         | 63mm / 2" x 2"         | EA        | 23.02          |

All Prices are current at time of printing but are subject to change without notice. Prices are Exclusive of VAT

*Used for connecting Metric Polyethylene Pipe to Male Threads.*

**Metric Female End Connector**  
Poly x F.I. BSPT



| Code                 | Size                   | Pack Size | RRP € excl VAT |
|----------------------|------------------------|-----------|----------------|
| HMIFEC20/1/2x1/2     | 20mm / 1/2" x 1/2"     | EA        | 4.86           |
| HMIFEC20/1/2x3/4     | 20mm / 1/2" x 3/4"     | EA        | 4.94           |
| HMIFEC25/3/4x1/2     | 25mm / 3/4" x 1/2"     | EA        | 5.36           |
| HMIFEC25/3/4x3/4     | 25mm / 3/4" x 3/4"     | EA        | 5.36           |
| HMIFEC25/3/4x1       | 25mm / 3/4" x 1"       | EA        | 5.36           |
| HMIFEC32/1x3/4       | 32mm / 1" x 3/4"       | EA        | 7.08           |
| HMIFEC32/1x1         | 32mm / 1" x 1"         | EA        | 7.08           |
| HMIFEC32/1x1-1/4     | 32mm / 1" x 1-1/4"     | EA        | 7.08           |
| HMIFEC40/1-1/4x1-1/4 | 40mm / 1-1/4" x 1-1/4" | EA        | 15.40          |
| HMIFEC40/1-1/4x1-1/2 | 40mm / 1-1/4" x 1-1/2" | EA        | 15.40          |
| HMIFEC50/1-1/2x1-1/2 | 50mm / 1-1/2" x 1-1/2" | EA        | 19.47          |
| HMIFEC50/1-1/2x2     | 50mm / 1-1/2" x 2"     | EA        | 19.47          |
| HMIFEC63/2x2         | 63mm / 2" x 2"         | EA        | 26.49          |

*Used for connecting Metric Polyethylene Pipe.*

**Metric Unequal Tee**  
Poly x Poly x Poly



| Code                   | Size  | Pack Size | RRP € excl VAT |
|------------------------|---|-----------|----------------|
| HMIUT25/3/4x20/1/2     | 25mm / 3/4" x 25mm / 3/4" x 20mm / 1/2"       | EA        | 10.99          |
| HMIUT32/1x25/3/4       | 32mm / 1" x 32mm / 1" x 25mm / 3/4"           | EA        | 16.42          |
| HMIUT50/1-1/2x32/1     | 50mm / 1-1/2" x 50mm / 1-1/2" x 32mm / 1"     | EA        | 33.96          |
| HMIUT50/1-1/2x40/1-1/4 | 50mm / 1-1/2" x 50mm / 1-1/2" x 40mm / 1-1/4" | EA        | 35.39          |
| HMIUT63/2x50/1-1/2     | 63mm / 2" x 63mm / 2" x 50mm / 1-1/2"         | EA        | 50.81          |

*Used for connecting Metric Polyethylene Pipe.*

**Metric Equal Tee**  
Poly x Poly x Poly



| Code          | Size          | Pack Size | RRP € excl VAT |
|---------------|---------------|-----------|----------------|
| HMIET20/1/2   | 20mm / 1/2"   | EA        | 7.90           |
| HMIET25/3/4   | 25mm / 3/4"   | EA        | 11.16          |
| HMIET32/1     | 32mm / 1"     | EA        | 16.78          |
| HMIET40/1-1/4 | 40mm / 1-1/4" | EA        | 30.30          |
| HMIET50/1-1/2 | 50mm / 1-1/2" | EA        | 35.89          |
| HMIET63/2     | 63mm / 2"     | EA        | 52.31          |

Used for connecting Metric Polyethylene Pipe to Male Threads.

**Metric Female Tee**  
Poly x Poly x F.I. BSPT



| Code                | Size                   | Pack Size | RRP € excl VAT |
|---------------------|------------------------|-----------|----------------|
| HMIFT20/1/2x1/2     | 20mm / 1/2" x 1/2"     | EA        | 7.22           |
| HMIFT20/1/2x3/4     | 20mm / 1/2" x 3/4"     | EA        | 9.48           |
| HMIFT25/3/4x1/2     | 25mm / 3/4" x 1/2"     | EA        | 9.82           |
| HMIFT25/3/4x3/4     | 25mm / 3/4" x 3/4"     | EA        | 9.82           |
| HMIFT25/3/4x1       | 25mm / 3/4" x 1"       | EA        | 9.82           |
| HMIFT32/1x1/2       | 32mm / 1" x 1/2"       | EA        | 14.92          |
| HMIFT32/1x3/4       | 32mm / 1" x 3/4"       | EA        | 14.92          |
| HMIFT32/1x1         | 32mm / 1" x 1"         | EA        | 14.92          |
| HMIFT32/1x1-1/4     | 32mm / 1" x 1-1/4"     | EA        | 14.92          |
| HMIFT40/1-1/4x1-1/4 | 40mm / 1-1/4" x 1-1/4" | EA        | 23.78          |
| HMIFT40/1-1/4x1-1/2 | 40mm / 1-1/4" x 1-1/2" | EA        | 23.78          |
| HMIFT50/1-1/2x1-1/2 | 50mm / 1-1/2" x 1-1/2" | EA        | 31.33          |
| HMIFT50/1-1/2x2     | 50mm / 1-1/2" x 2"     | EA        | 31.33          |
| HMIFT63/2x2         | 63mm / 2" x 2"         | EA        | 42.47          |

Used for connecting Metric Polyethylene Pipe to Female Threads.

**Metric Male Tee**  
Poly x Poly x M.I. BPST



| Code            | Size                             | Pack Size | RRP € excl VAT |
|-----------------|----------------------------------|-----------|----------------|
| HMIMT25/3/4x1/2 | 25mm / 3/4" x 25mm / 3/4" x 1/2" | EA        | 8.68           |
| HMIMT25/3/4x3/4 | 25mm / 3/4" x 25mm / 3/4" x 3/4" | EA        | 10.71          |

**Metric Elbow** Used to connect two Metric Polyethylene Pipes at a 90° angle.  
Poly x Poly



| Code         | Size          | Pack Size | RRP € excl VAT |
|--------------|---------------|-----------|----------------|
| HMIE20/1/2   | 20mm / 1/2"   | EA        | 6.03           |
| HMIE25/3/4   | 25mm / 3/4"   | EA        | 8.46           |
| HMIE32/1     | 32mm / 1"     | EA        | 13.00          |
| HMIE40/1-1/4 | 40mm / 1-1/4" | EA        | 21.84          |
| HMIE50/1-1/2 | 50mm / 1-1/2" | EA        | 27.77          |
| HMIE63/2     | 63mm / 2"     | EA        | 36.79          |

*Used for connecting Metric Polyethylene Pipe to Male Threads.*

**Metric Female Elbow**  
Poly x F.I. BSPT



| Code                | Size                   | Pack Size | RRP € excl VAT |
|---------------------|------------------------|-----------|----------------|
| HMIFE20/1/2x1/2     | 20mm / 1/2" x 1/2"     | EA        | 4.82           |
| HMIFE20/1/2x3/4     | 20mm / 1/2" x 3/4"     | EA        | 5.72           |
| HMIFE25/3/4x1/2     | 25mm / 3/4" x 1/2"     | EA        | 6.43           |
| HMIFE25/3/4x3/4     | 25mm / 3/4" x 3/4"     | EA        | 6.43           |
| HMIFE25/3/4x1       | 25mm / 3/4" x 1"       | EA        | 6.43           |
| HMIFE32/1x1         | 32mm / 1" x 1"         | EA        | 10.20          |
| HMIFE32/1x1-1/4     | 32mm / 1" x 1-1/4"     | EA        | 16.40          |
| HMIFE40/1-1/4x1-1/4 | 40mm / 1-1/4" x 1-1/4" | EA        | 17.83          |
| HMIFE40/1-1/4x1-1/2 | 40mm / 1-1/4" x 1-1/2" | EA        | 17.83          |
| HMIFE50/1-1/2x1-1/2 | 50mm / 1-1/2" x 1-1/2" | EA        | 22.05          |
| HMIFE50/1-1/2x2     | 50mm / 1-1/2" x 2"     | EA        | 22.05          |
| HMIFE63/2x2         | 63mm / 2" x 2"         | EA        | 28.90          |

**Metric Male Elbow**  
Poly x M.I. BSPT



*Used for connecting Metric Polyethylene Pipe to Female Threads.*

| Code            | Size               | Pack Size | RRP € excl VAT |
|-----------------|--------------------|-----------|----------------|
| HMIME20/1/2x1/2 | 20mm / 1/2" x 1/2" | EA        | 5.71           |
| HMIME25/3/4x3/4 | 25mm / 3/4" x 3/4" | EA        | 6.44           |
| HMIME32/1x1     | 32mm / 1" x 1"     | EA        | 10.17          |

*Used to blank off pipe ends for future use.*

**Metric End Cap**



| Code          | Size          | Pack Size | RRP € excl VAT |
|---------------|---------------|-----------|----------------|
| HMIEC20/1/2   | 20mm / 1/2"   | EA        | 4.06           |
| HMIEC25/3/4   | 25mm / 3/4"   | EA        | 5.46           |
| HMIEC32/1     | 32mm / 1"     | EA        | 7.22           |
| HMIEC40/1-1/4 | 40mm / 1-1/4" | EA        | 14.36          |
| HMIEC50/1-1/2 | 50mm / 1-1/2" | EA        | 17.58          |
| HMIEC63/2     | 63mm / 2"     | EA        | 24.86          |

*Used for repairing Metric Polyethylene Pipe. Fitting can be slipped along the length of damaged pipe as centre section of fitting body has been removed.*

**Metric Slip Joiner**  
 Poly x Poly



| Code          | Size          | Pack Size | RRP € excl VAT |
|---------------|---------------|-----------|----------------|
| HMISJ20/1/2   | 20mm / 1/2"   | EA        | 5.39           |
| HMISJ25/3/4   | 25mm / 3/4"   | EA        | 6.01           |
| HMISJ32/1     | 32mm / 1"     | EA        | 12.40          |
| HMISJ40/1-1/4 | 40mm / 1-1/4" | EA        | 20.64          |
| HMISJ50/1-1/2 | 50mm / 1-1/2" | EA        | 28.67          |
| HMISJ63/2     | 63mm / 2"     | EA        | 43.16          |

**Metric Wall Plate Elbow**  
 Poly x F.I BSPT



*Used for connecting taps to Metric Polyethylene Pipe using a compression style joint.*

| Code             | Size               | Pack Size | RRP € excl VAT |
|------------------|--------------------|-----------|----------------|
| HMIWPE20/1/2x1/2 | 20mm / 1/2" x 1/2" | EA        | 6.42           |
| HMIWPE25/3/4x1/2 | 25mm / 3/4" x 1/2" | EA        | 8.05           |
| HMIWPE25/3/4x3/4 | 25mm / 3/4" x 3/4" | EA        | 8.05           |

*Used for supporting the wall section in Medium Density Pipe.*

**Metric Liner**



| Code         | Size          | Pack Size | RRP € excl VAT |
|--------------|---------------|-----------|----------------|
| HMIL20/1/2   | 20mm / 1/2"   | EA        | 0.54           |
| HMIL25/3/4   | 25mm / 3/4"   | EA        | 0.54           |
| HMIL32/1     | 32mm / 1"     | EA        | 0.63           |
| HMIL40/1-1/4 | 40mm / 1-1/4" | EA        | 1.08           |
| HMIL50/1-1/2 | 50mm / 1-1/2" | EA        | 1.37           |
| HMIL63/2     | 63mm / 2"     | EA        | 2.22           |

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*Used in Connecting Metric Polyethylene Pipe into a compression fitting.*

**Metric Connection Kit**



| <b>Code</b>   | <b>Size</b>   | <b>Pack Size</b> | <b>RRP € excl VAT</b> |
|---------------|---------------|------------------|-----------------------|
| HMICK25/3/4   | 25mm / 3/4"   | EA               | 1.41                  |
| HMICK32/1     | 32mm / 1"     | EA               | 1.67                  |
| HMICK40/1-1/4 | 40mm / 1-1/4" | EA               | 2.93                  |
| HMICK20/1/2   | 20mm / 1/2"   | EA               | 1.22                  |
| HMICK50/1-1/2 | 50mm / 1-1/2" | EA               | 3.64                  |
| HMICK63/2     | 63mm / 2"     | EA               | 5.51                  |

**Metric Reducing Kit**

*Used for Reducing an existing body size to a smaller diameter pipe.*



| <b>Code</b>        | <b>Size</b>               | <b>Pack Size</b> | <b>RRP € excl VAT</b> |
|--------------------|---------------------------|------------------|-----------------------|
| HMIRK25/3/4x20/1/2 | 25mm / 3/4" x 20mm / 1/2" | EA               | 3.83                  |
| HMIRK32/1x20/1/2   | 32mm / 1" x 20mm / 1/2"   | EA               | 5.28                  |
| HMIRK32/1x25/3/4   | 32mm / 1" x 25mm / 3/4"   | EA               | 4.58                  |
| HMIRK40/1-1/4x32/1 | 40mm / 1-1/4" x 32mm / 1" | EA               | 7.22                  |

**Hansen Nut  
Normal Gauge / Metric /  
Heavy Gauge**



*Replacement Nut for the Easy Fit Normal Gauge / Metric / Heavy Gauge Range.*

| <b>Code</b>  | <b>Size</b>   | <b>Pack Size</b> | <b>RRP € excl VAT</b> |
|--------------|---------------|------------------|-----------------------|
| HNUT1/2/20   | 1/2" / 20mm   | EA               | 1.11                  |
| HNUT3/4/25   | 3/4" / 25mm   | EA               | 1.25                  |
| HNUT1/32     | 1" / 32mm     | EA               | 1.55                  |
| HNUT1-1/4/40 | 1-1/4" / 40mm | EA               | 2.28                  |
| HNUT1-1/2/50 | 1-1/2" / 50mm | EA               | 3.03                  |
| HNUT2/63     | 2" / 63mm     | EA               | 5.05                  |