

MegaPress



2.1



MegaPress

Viega MegaPress joins black iron pipe reliably through the engineered design of the fittings and the use of the press tool. No more manual tightening is needed and that allows you to relax when the job is over, confident that every connection is secure. Flameless and clean, Viega MegaPress fittings for black iron pipe can be installed while the system is live, which means you don't need to shut a system down completely before making connections.

FEATURES AND BENEFITS

- Approved for more applications than any other black iron pipe press fitting system
- Suitable for use with ASTM Schedule 5 to Schedule 40 black iron pipe
- More than 200 different engineered fitting configurations for black iron
- Available in sizes from ½" to 2"
- UL listed for fire protection applications

CODES AND STANDARDS

- FM: FM Global
- IAMPO: Uniform Plumbing Code
- ICC: International Mechanical Code
- ICC: Uniform Mechanical Code
- NFPA 13, 13D and 13R: Fire Sprinkler Applications
- TSSA/ASME B31.1: Code for Pressure Piping
- TSSA/ASME B31.3: Code for Process Piping
- TSSA/ASME B31.9: Code for Building Services Piping
- UL: Underwriters Laboratories

LISTINGS AND CERTIFICATIONS

- ABS: American Bureau of Shipping
- FM Class 1920
- IAPMO PS117
- ICC-ES PMG-1124

NOTE

A Green Dot on a Viega MegaPress fitting indicates the Smart Connect feature with an EPDM sealing element.

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Elbows



**Viega MegaPress elbow 90°
Smart Connect feature**
- Carbon steel
- Press connection
Components
EPDM sealing elements
Model 4816

| P1 | P2 | Wt [lb] | Quantity | Part No | DG |
|-------|-------|---------|----------|---------|----|
| 1/2 | 1/2 | 0.370 | 10 | 25200 | 12 |
| 3/4 | 3/4 | 0.503 | 10 | 25205 | 12 |
| 1 | 1 | 0.829 | 5 | 25210 | 12 |
| 1 1/4 | 1 1/4 | 1.281 | 1 | 25215 | 12 |
| 1 1/2 | 1 1/2 | 1.730 | 1 | 25220 | 12 |
| 2 | 2 | 2.546 | 1 | 25225 | 12 |



**Viega MegaPress elbow 90°
Street**
Smart Connect feature
- Carbon steel
- Press connection, street
Components
EPDM sealing element
Model 4816.1

| P | FTG | Wt [lb] | Quantity | Part No | DG |
|-------|-------|---------|----------|---------|----|
| 1/2 | 1/2 | 0.379 | 10 | 26050 | 12 |
| 3/4 | 3/4 | 0.531 | 10 | 26055 | 12 |
| 1 | 1 | 0.838 | 5 | 26060 | 12 |
| 1 1/4 | 1 1/4 | 1.300 | 1 | 26065 | 12 |
| 1 1/2 | 1 1/2 | 1.790 | 1 | 26070 | 12 |
| 2 | 2 | 2.596 | 1 | 26075 | 12 |



**Viega MegaPress elbow 45°
Smart Connect feature**
- Carbon steel
- Press connection
Components
EPDM sealing elements
Model 4826

| P1 | P2 | Wt [lb] | Quantity | Part No | DG |
|-------|-------|---------|----------|---------|----|
| 1/2 | 1/2 | 0.304 | 10 | 25230 | 12 |
| 3/4 | 3/4 | 0.410 | 10 | 25235 | 12 |
| 1 | 1 | 0.661 | 5 | 25240 | 12 |
| 1 1/4 | 1 1/4 | 1.051 | 1 | 25245 | 12 |
| 1 1/2 | 1 1/2 | 1.389 | 1 | 25250 | 12 |
| 2 | 2 | 1.951 | 1 | 25255 | 12 |



**Viega MegaPress elbow 45°
Street**
Smart Connect feature
- Carbon steel
- Press connection, street
Components
EPDM sealing element
Model 4826.1

| P | FTG | Wt [lb] | Quantity | Part No | DG |
|-------|-------|---------|----------|---------|----|
| 1/2 | 1/2 | 0.273 | 10 | 26100 | 12 |
| 3/4 | 3/4 | 0.428 | 10 | 26105 | 12 |
| 1 | 1 | 0.677 | 5 | 26110 | 12 |
| 1 1/4 | 1 1/4 | 1.058 | 1 | 26115 | 12 |
| 1 1/2 | 1 1/2 | 1.435 | 1 | 26120 | 12 |
| 2 | 2 | 2.094 | 1 | 26125 | 12 |

Tees



Viega MegaPress tee
Smart Connect feature
- Carbon steel
- Press connection
Components
EPDM sealing elements
Model 4818

| P1 | P2 | P3 | Wt [lb] | Quantity | Part No | DG |
|-------|-------|-------|---------|----------|---------|----|
| 1/2 | 1/2 | 1/2 | 0.507 | 5 | 25300 | 12 |
| 3/4 | 3/4 | 1/2 | 0.639 | 5 | 25330 | 12 |
| 3/4 | 3/4 | 3/4 | 0.679 | 5 | 25305 | 12 |
| 1 | 1 | 1/2 | 0.904 | 5 | 25335 | 12 |
| 1 | 1 | 3/4 | 0.957 | 5 | 25340 | 12 |
| 1 | 1 | 1 | 1.036 | 5 | 25310 | 12 |
| 1 1/4 | 1 1/4 | 1 | 1.477 | 1 | 25350 | 12 |
| 1 1/4 | 1 1/4 | 1 1/4 | 1.620 | 1 | 25315 | 12 |
| 1 1/2 | 1 1/2 | 1/2 | 1.873 | 1 | 25360 | 12 |
| 1 1/2 | 1 1/2 | 3/4 | 1.799 | 1 | 25365 | 12 |
| 1 1/2 | 1 1/2 | 1 | 1.873 | 1 | 25370 | 12 |
| 1 1/2 | 1 1/2 | 1 1/4 | 2.036 | 1 | 25375 | 12 |
| 1 1/2 | 1 1/2 | 1 1/2 | 2.160 | 1 | 25320 | 12 |
| 2 | 2 | 1/2 | 2.539 | 1 | 25380 | 12 |
| 2 | 2 | 3/4 | 2.424 | 1 | 25385 | 12 |
| 2 | 2 | 1 | 2.513 | 1 | 25390 | 12 |
| 2 | 2 | 1 1/4 | 2.678 | 1 | 25395 | 12 |
| 2 | 2 | 1 1/2 | 2.777 | 1 | 25400 | 12 |
| 2 | 2 | 2 | 2.909 | 1 | 25325 | 12 |



Viega MegaPress tee
Smart Connect feature
 - Carbon steel
 - Press connection, female pipe thread
Components
 EPDM sealing elements
Model 4817.2

| P1 | P2 | FPT | Wt [lb] | Quantity | Part No | DG |
|-------|-------|-------|---------|----------|---------|----|
| 3/4 | 3/4 | 1/2 | 0.611 | 5 | 25405 | 12 |
| 3/4 | 3/4 | 3/4 | 0.639 | 5 | 25480 | 12 |
| 1 | 1 | 1/2 | 0.884 | 5 | 25410 | 12 |
| 1 | 1 | 3/4 | 0.915 | 5 | 25415 | 12 |
| 1 1/4 | 1 1/4 | 1/2 | 1.344 | 1 | 25485 | 12 |
| 1 1/2 | 1 1/2 | 1/2 | 1.851 | 1 | 25435 | 12 |
| 1 1/2 | 1 1/2 | 3/4 | 1.741 | 1 | 25440 | 12 |
| 1 1/2 | 1 1/2 | 1 | 1.929 | 1 | 25445 | 12 |
| 1 1/2 | 1 1/2 | 1 1/4 | 1.829 | 1 | 25450 | 12 |
| 2 | 2 | 1/2 | 2.358 | 1 | 25455 | 12 |
| 2 | 2 | 3/4 | 2.546 | 1 | 25460 | 12 |
| 2 | 2 | 1 | 2.535 | 1 | 25465 | 12 |
| 2 | 2 | 1 1/4 | 2.446 | 1 | 25470 | 12 |
| 2 | 2 | 1 1/2 | 2.601 | 1 | 25475 | 12 |

Adapters



Viega MegaPress adapter
Smart Connect feature
 - Carbon steel
 - Press connection, male pipe thread
Components
 EPDM sealing element
Model 4811

| P | MPT | Wt [lb] | Quantity | Part No | DG |
|-------|-------|---------|----------|---------|----|
| 1/2 | 1/2 | 0.226 | 10 | 25100 | 12 |
| 3/4 | 3/4 | 0.309 | 10 | 25105 | 12 |
| 1 | 1 | 0.483 | 5 | 25110 | 12 |
| 1 1/4 | 1 1/4 | 0.771 | 5 | 25115 | 12 |
| 1 1/2 | 1 1/2 | 1.065 | 1 | 25120 | 12 |
| 2 | 2 | 1.411 | 1 | 25125 | 12 |



Viega MegaPress adapter
Smart Connect feature
 - Carbon steel
 - Press connection, female pipe thread
Components
 EPDM sealing element
Model 4812

| P | FPT | Wt [lb] | Quantity | Part No | DG |
|-------|-------|---------|----------|---------|----|
| 1/2 | 1/2 | 0.264 | 10 | 25130 | 12 |
| 3/4 | 1/2 | 0.293 | 10 | 25575 | 12 |
| 3/4 | 3/4 | 0.313 | 10 | 25135 | 12 |
| 1 | 1/2 | 0.441 | 10 | 25580 | 12 |
| 1 | 3/4 | 0.430 | 5 | 25585 | 12 |
| 1 | 1 | 0.538 | 5 | 25140 | 12 |
| 1 1/4 | 1/2 | 0.688 | 1 | 25590 | 12 |
| 1 1/4 | 3/4 | 0.721 | 1 | 25595 | 12 |
| 1 1/4 | 1 | 0.800 | 1 | 25600 | 12 |
| 1 1/4 | 1 1/4 | 0.655 | 5 | 25145 | 12 |
| 1 1/2 | 1/2 | 0.831 | 1 | 25605 | 12 |
| 1 1/2 | 3/4 | 0.860 | 1 | 25610 | 12 |
| 1 1/2 | 1 | 0.959 | 1 | 25615 | 12 |
| 1 1/2 | 1 1/4 | 0.838 | 1 | 25620 | 12 |
| 1 1/2 | 1 1/2 | 0.948 | 1 | 25150 | 12 |
| 2 | 1/2 | 1.102 | 1 | 25625 | 12 |
| 2 | 3/4 | 1.124 | 1 | 25630 | 12 |
| 2 | 1 | 1.212 | 1 | 25635 | 12 |
| 2 | 1 1/4 | 1.157 | 1 | 25640 | 12 |
| 2 | 1 1/2 | 1.190 | 1 | 25645 | 12 |
| 2 | 2 | 1.322 | 1 | 25155 | 12 |

Flanges



Viega MegaPress flange
Smart Connect feature
 - Carbon steel
 - Press connection
Components
 EPDM sealing element
Model 4859.5

| P | BP | Wt [lb] | Quantity | Part No | DG |
|-------|----|---------|----------|---------|----|
| 1/2 | 4 | 1.080 | 1 | 25760 | 12 |
| 3/4 | 4 | 1.697 | 1 | 25765 | 12 |
| 1 | 4 | 2.189 | 1 | 25770 | 12 |
| 1 1/4 | 4 | 2.898 | 1 | 25775 | 12 |
| 1 1/2 | 4 | 3.615 | 1 | 25780 | 12 |
| 2 | 4 | 5.400 | 1 | 25785 | 12 |

BP = bolt pattern

Caps



Viega MegaPress cap
Smart Connect feature
 - Carbon steel
 - Press connection
Components
 EPDM sealing element
Model 4856

| P | Wt [lb] | Quantity | Part No | DG |
|-------|---------|----------|---------|----|
| 1/2 | 0.203 | 10 | 25730 | 12 |
| 3/4 | 0.264 | 10 | 25735 | 12 |
| 1 | 0.397 | 5 | 25740 | 12 |
| 1 1/4 | 0.617 | 1 | 25745 | 12 |
| 1 1/2 | 0.804 | 1 | 25750 | 12 |
| 2 | 1.080 | 1 | 25755 | 12 |

Unions



Viega MegaPress union
Smart Connect feature
 - Carbon steel
 - Press connection
Components
 EPDM sealing elements
Model 4860

| P1 | P2 | Wt [lb] | Quantity | Part No | DG |
|-------|-------|---------|----------|---------|----|
| 1/2 | 1/2 | 0.760 | 5 | 25700 | 12 |
| 3/4 | 3/4 | 1.197 | 5 | 25705 | 12 |
| 1 | 1 | 1.406 | 5 | 25710 | 12 |
| 1 1/4 | 1 1/4 | 2.391 | 1 | 25715 | 12 |
| 1 1/2 | 1 1/2 | 2.909 | 1 | 25720 | 12 |
| 2 | 2 | 4.188 | 1 | 25725 | 12 |

Couplings



Viega MegaPress coupling
Stop
Smart Connect feature
 - Carbon steel
 - Press connection
Components
 EPDM sealing elements
Model 4815

| P1 | P2 | Wt [lb] | Quantity | Part No | DG |
|-------|-------|---------|----------|---------|----|
| 1/2 | 1/2 | 0.264 | 10 | 25000 | 12 |
| 3/4 | 3/4 | 0.342 | 10 | 22005 | 12 |
| 1 | 1 | 0.505 | 5 | 25010 | 12 |
| 1 1/4 | 1 1/4 | 0.860 | 1 | 25015 | 12 |
| 1 1/2 | 1 1/2 | 1.124 | 1 | 25020 | 12 |
| 2 | 2 | 1.435 | 1 | 25025 | 12 |



Viega MegaPress coupling
No stop
Smart Connect feature
 - Carbon steel
 - Press connection
Components
 EPDM sealing elements
Model 4815.5

| P1 | P2 | Wt [lb] | Quantity | Part No | DG |
|-------|-------|---------|----------|---------|----|
| 1/2 | 1/2 | 0.264 | 10 | 25030 | 12 |
| 3/4 | 3/4 | 0.337 | 10 | 25035 | 12 |
| 1 | 1 | 0.509 | 5 | 25040 | 12 |
| 1 1/4 | 1 1/4 | 0.860 | 1 | 25045 | 12 |
| 1 1/2 | 1 1/2 | 1.124 | 1 | 25050 | 12 |
| 2 | 2 | 1.411 | 1 | 25055 | 12 |

Reducers



Viega MegaPress reducer
Smart Connect feature
 - Carbon steel
 - Street, press connection
Components
 EPDM sealing element
Model 4815.1

| FTG | P | Wt [lb] | Quantity | Part No | DG |
|-------|-------|---------|----------|---------|----|
| 3/4 | 1/2 | 0.276 | 5 | 26000 | 12 |
| 1 | 1/2 | 0.364 | 5 | 26005 | 12 |
| 1 | 3/4 | 0.397 | 5 | 26010 | 12 |
| 1 1/4 | 1 | 0.661 | 1 | 26015 | 12 |
| 1 1/2 | 3/4 | 0.710 | 1 | 26020 | 12 |
| 1 1/2 | 1 | 0.793 | 1 | 26025 | 12 |
| 1 1/2 | 1 1/4 | 0.926 | 1 | 26030 | 12 |
| 2 | 1 | 1.047 | 1 | 26035 | 12 |
| 2 | 1 1/4 | 1.168 | 1 | 26040 | 12 |
| 2 | 1 1/2 | 1.289 | 1 | 26045 | 12 |

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