

ISSUE 8



VIKING JOHNSON[®]

PIONEERS IN PIPE SOLUTIONS

Applications & Product Selector

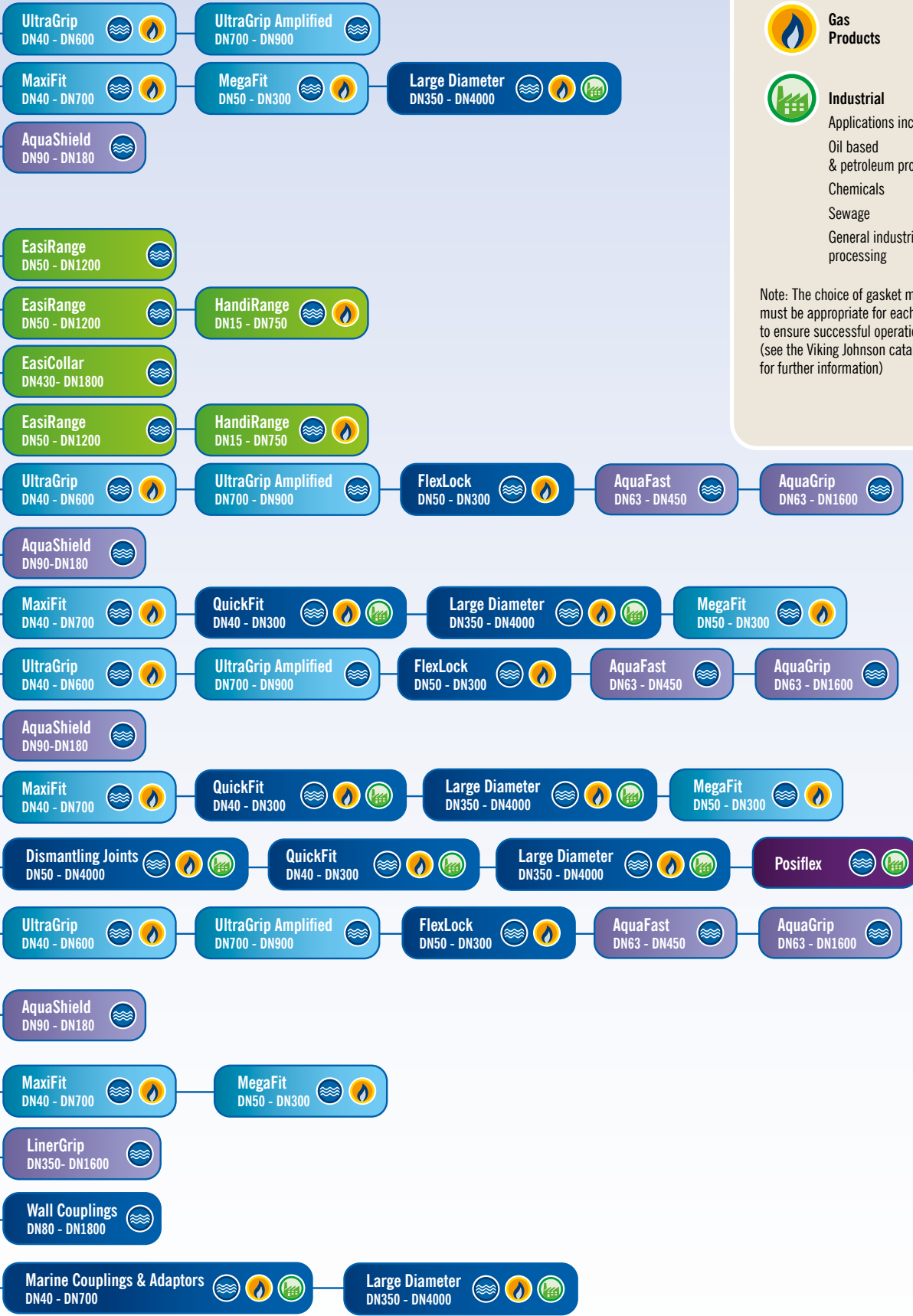


Typical Applications Selector

| Issues | Scenarios | Product Solutions |
|--|--|-------------------|
| <p>Repair or under pressure drilling/tapping on an existing pipeline</p> | Repair pipeline by cutting out a section of pipe | |
| | End restraint / locking connection required | |
| | Non end restraint / locking connection required | |
| | End restraint / locking connection required for barrier pipe | |
| | Repair pipeline whilst under pressure in service | |
| | Circumferential break | |
| | Impact damage / Hole / Split / Pin hole corrosion | |
| | Leaking spigot & socket joint | |
| | Under pressure drilling / tapping | |
| <p>Join plain ended pipes</p> | End restraint / locking connection required | |
| | End restraint / locking connection required for barrier pipe | |
| | Non end restraint / non locking connection required | |
| <p>Connect plain ended pipe to flanged equipment</p> | End restraint / locking connection required | |
| | End restraint / locking connection required for barrier pipe | |
| | Non end restraint/non locking connection required | |
| <p>Provide adjustment to flanged pipework</p> | | |
| <p>Connect pipe with end load capability</p> | Plain ended pipe - end restraint / locking connection required | |
| | Plain ended pipe -end restraint / locking connection required for barrier pipe | |
| <p>Relining of existing pipelines - end termination fittings</p> | Rehabilitation of pipelines using scrape and reline | |
| | Rehabilitation of pipelines using thin walled polyethylene liners | |
| <p>Pipelines through concrete structures</p> | | |
| <p>Marine</p> | | |

Wide Tolerance PE & Barrier Pipe Solutions Dedicated Pipe Repairs Expansion Joints

For product pipe size compatibility refer to the Viking Johnson OD Chart



For product pipe material and size compatibility refer to the Product Pipe Material Selector on back page

Applications



Water Products



Gas Products



Industrial

Applications including:
Oil based & petroleum products
Chemicals
Sewage
General industrial processing

Note: The choice of gasket material must be appropriate for each service to ensure successful operation (see the Viking Johnson catalogue for further information)

Pipe Materials



Standard Outside Diameter Chart

| NOMINAL BORE | IMPERIAL CAST IRON & ASBESTOS CEMENT (TURNED END) | | | | | | STEEL ISO/4200 (1991) | | | | PVC-U | | | | ABS | DUCTILE IRON | | | GRP | METRIC ASBESTOS CEMENT (TURNED END) | | |
|--------------|--|--------|---------------|--------|---------|--------|-----------------------|--------|-------|-------|------------------|--|--|---------------------------------|----------------|---|----------|----------|-------------------------------------|-------------------------------------|--|--|
| | BS1211 (1981) (UTI 27" NB) BS78 (1981) BS486 (1966) | | | | | | | | | | | | | | | BS EN 545:2010, BS EN 598:2007 BS EN 969:2002 DIN 28601, 28602, 28603, 28605 | | | BS5480 (1990) (Typical UK sizes) | BS486 (1990) | | |
| | CLASS AB ONLY | | CLASS CD ONLY | | NON STD | | SER1 | SER2 | SER3 | SER3 | BS EN 10255:2004 | BS EN 10220:2002, BS EN 10216:2013 & BS EN 10217:2002 (pipe ends to BS EN 10311:2005 & BS EN 10224:2002) | API 5L (2000) & BS1600 (2000) UTI 36" NB | BS3505 (1998) & BS EN 1452:2009 | BS EN ISO 3506 | BS5391 (1976) | CLASS 15 | CLASS 20 | CLASS 25 | | | |
| mm / inches | mm | inches | mm | inches | mm | inches | | | | | | | | | | | | | | | | |
| 15 / 0.5 | | | | | | | 21.3 | | | 21.3 | 21.4 | 21.4 | 21.4 | 21.4 | 21.4 | | | | | | | |
| 20 / 0.75 | | | | | | | 26.9 | 25.0 | 25.4 | 26.9 | 26.8 | 26.7 | 26.8 | 26.8 | 26.8 | | | | | | | |
| 25 / 1 | | | | | | | 33.7 | 32.0 | 30.0 | 35.0 | 33.7 | 33.6 | 33.4 | 33.6 | 33.6 | | | | | | | |
| 32 / 1.25 | | | | | | | 42.4 | 40.0 | 44.5 | | 42.4 | 42.3 | 42.2 | 42.3 | 42.3 | | | | | | | |
| 40 / 1.5 | 55.9 | 2.20 | 55.9 | 2.20 | 57.0 | 2.25 | 48.3 | 57.0 | 54.0 | | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 56 | | | | | | |
| 50 / 2 | 69.1 | 2.72 | 69.1 | 2.72 | | | 60.3 | 63.5 | | | 60.3 | 60.4 | 60.3 | 60.4 | 60.4 | 66 | | | 69 | | | |
| 65 / 2.5 | 82.3 | 3.24 | 82.3 | 3.24 | 82.5 | 3.25 | 76.1 | 70.0 | 73.0 | | 76.1 | 76.1 | 73.0 | 75.2 | 82 | | | | | | | |
| 80 / 3 | 95.5 | 3.76 | 95.5 | 3.76 | | | 88.9 | | 82.5 | | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 98 | | | 96 | | | |
| 90 / 3.5 | | | | | | | | 101.6 | | | | 101.6 | 101.6 | | | | | | | | | |
| 100 / 4 | 121.9 | 4.80 | 121.9 | 4.80 | | | 114.3 | 127.0 | 108.0 | | 114.3 | 114.3 | 114.3 | 114.3 | 114.3 | 118 | | | 122 | | | |
| 125 / 5 | 149.9 | 5.90 | 149.9 | 5.90 | | | 139.7 | 133.0 | 141.3 | 152.4 | 139.7 | 139.7 | 141.3 | 140.2 | 140.2 | 144 | | | | | | |
| 150 / 6 | 177.3 | 6.98 | 177.3 | 6.98 | | | 168.3 | | 159.0 | 177.8 | 165.1 | 168.3 | 168.3 | 168.3 | 168.3 | 170 | | 177 | 177 | | | |
| 175 / 7 | 204.7 | 8.06 | 204.7 | 8.06 | | | | | 193.7 | | | 193.7 | | 193.8 | | | | | | | | |
| 200 / 8 | 232.2 | 9.14 | 232.2 | 9.14 | | | 219.1 | | | | 219.1 | 219.1 | 219.1 | 219.1 | 219.1 | 222 | 220 | 232 | 240 | | | |
| 225 / 9 | 259.1 | 10.20 | 259.1 | 10.20 | | | | | 244.5 | | | 244.5 | | 244.5 | | | 259 | 259 | 268 | | | |
| 250 / 10 | 286.0 | 11.26 | 286.0 | 11.26 | | | 273.0 | | | | 273.0 | 273.1 | 273.0 | 273.0 | | 274 | 272 | 286 | 295 | | | |
| 300 / 12 | 333.8 | 13.14 | 345.4 | 13.60 | | | 323.9 | | | | 323.9 | 323.9 | 323.9 | 323.9 | | 326 | 324 | 334 | 356 | | | |
| 350 / 14 | 387.0 | 15.22 | 399.3 | 15.72 | | | 355.6 | | | | 355.6 | 355.6 | 355.6 | 355.5 | | 378 | 376 | 392 | 419 | | | |
| 375 / 15 | 413.0 | 16.26 | 426.2 | 16.78 | | | | | | | | | | | | | | | | | | |
| 400 / 16 | 439.0 | 17.30 | 453.1 | 17.84 | | | 406.4 | | | | 406.4 | 406.4 | 406.4 | 406.4 | | 429 | 427 | 448 | 478 | | | |
| 450 / 18 | 492.0 | 19.38 | 506.9 | 19.96 | | | 457.0 | | | | 457.0 | 457.2 | 457.2 | 457.2 | | 480 | 478 | 498 | 532 | | | |
| 500 / 20 | 545.0 | 21.46 | 560.3 | 22.06 | | | 508.0 | | | | 508.0 | 508.0 | 508.0 | 508.0 | | 532 | 530 | 568 | 605 | | | |
| 525 / 21 | 572.0 | 22.50 | 587.2 | 23.12 | | | | | | | | | | | | | | | | | | |
| 550 / 22 | 598.0 | 23.54 | 613.7 | 24.16 | | | | | 559.0 | | 559.0 | 559.0 | | 558.8 | | | | | | | | |
| 600 / 24 | 650.0 | 25.60 | 667.0 | 26.26 | | | 610.0 | | | | 610.0 | 609.6 | 609.6 | 609.6 | | 635 | 633 | 654 | 691 | | | |
| 650 / 26 | 703.0 | 27.66 | 720.3 | 28.36 | | | | | 660.0 | | 660.0 | 660.4 | | | | | | | | | | |
| 675 / 27 | 729.0 | 28.70 | 746.8 | 29.40 | | | | | | | | | | | | | | | | | | |
| 700 / 28 | 755.0 | 29.72 | 773.2 | 30.44 | | | 711.0 | | | | 711.0 | 711.2 | | | | 738 | 718 | 761 | 801 | | | |
| 750 / 30 | 807.0 | 31.78 | 826.0 | 32.52 | | | | 762.0 | | | 762.0 | 762.0 | | | | | | 808 | 852 | | | |
| 800 / 32 | 860.0 | 33.84 | 879.3 | 34.62 | | | 813.0 | | | | 813.0 | 812.8 | | | | 842 | 820 | 882 | 915 | | | |
| 825 / 33 | 886.0 | 34.88 | 905.8 | 35.66 | | | | | | | | | | | | | | | | | | |
| 850 / 34 | 912.0 | 35.92 | | | | | | | 864.0 | | 864.0 | 863.6 | | | | | | 927 | 977 | | | |
| 900 / 36 | 964.0 | 37.96 | 984.5 | 38.76 | | | 914.0 | | | | 914.0 | 914.4 | | | | 945 | 924 | 970 | 1024 | | | |
| 1000 / 40 | 1068.0 | 42.06 | 1090.2 | 42.92 | | | 1016.0 | | | | 1016.0 | 1016.0 | | | | 1048 | 1027 | | | | | |
| 1050 / 42 | 1121.0 | 44.12 | 1143.0 | 45.00 | | | 1067.0 | 1168.0 | | | 1067.0 | 1066.8 | | | | | | | | | | |
| 1100 / 44 | 1172.0 | 46.16 | | | | | 1118.0 | | | | | 1117.6 | | | | 1152 | 1144 | | | | | |
| 1200 / 48 | 1277.0 | 50.26 | 1300.5 | 51.20 | | | 1219.0 | | | | 1219.0 | 1219.2 | | | | 1255 | 1228 | | | | | |
| 1300 / 52 | | | | | | | | 1321.0 | | | | 1320.8 | | | | | 1350 | | | | | |
| 1400 / 56 | | | | | | | 1422.0 | | | | 1422.0 | 1422.4 | | | | 1462 | 1449 | | | | | |
| 1600 / 64 | | | | | | | 1626.0 | | | | 1626.0 | 1625.6 | | | | 1668 | 1640 | | | | | |
| 1800 / 72 | | | | | | | 1829.0 | | | | 1829.0 | 1828.8 | | | | 1875 | 1844 | | | | | |
| 2000 / 80 | | | | | | | 2032.0 | | | | 2032.0 | 2032.0 | | | | 2082 | 2048 | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| PVC-U & POLYETHYLENE (METRIC). BS ISO 11922-1 (1997) | METRIC PVC-U & PE HAVE A DESIGNATED NOMINAL SIZE WHICH IS USUALLY THE SAME AS THE OUTSIDE DIAMETER. QUOTE PIPE CLASS, RATING OR WALL THICKNESS ON ENQUIRIES. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 16 | 20 | 25 | 32 | 40 | 50 | 63 | 75 | 90 | 110 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 315 | 355 | 400 | 450 | 500 | 560 | 630 | 710 | 800 | 900 | 1000 | 1200 | 1400 |
| PE BARRIER PIPE (METRIC). BS 8588 | BARRIER PIPES HAVE A DESIGNATED NOMINAL SIZE WHICH IS USUALLY THE SAME AS THE OUTSIDE DIAMETER. QUOTE PIPE CLASS, RATING OR WALL THICKNESS ON ENQUIRIES. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Nominal Size | 25 | 32 | 40 | 50 | 63 | 75 | 90 | 110 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 315 | 255 | 400 | 450 | 500 | 560 | 630 | | | | | | | |

Note: More details available on request

Flange Comparison Chart

| Nominal Size | Table | Diameter | | P.C.D. | | Hole Dia. | | Bolt Dia. | | No. Bolts |
|--------------|--------------|----------|-------|--------|-------|-----------|-------|-----------|-------|-----------|
| | | mm | inch | mm | inch | mm | inch | mm | inch | |
| DN80/3" | PN10/16 | 200 | 7.9 | 160 | 6.3 | 18 | 0.7 | 16 | 0.625 | 8 |
| | BS10 ADE | 184 | 7.25 | 146 | 5.75 | 17 | 0.688 | 16 | 0.625 | 4 |
| | ANSI 125/150 | 190 | 7.5 | 152 | 6 | 19 | 0.75 | 16 | 0.625 | 4 |
| DN100/4" | PN10/16 | 220 | 8.67 | 180 | 7.1 | 18 | 0.7 | 16 | 0.625 | 8 |
| | BS10 AD | 216 | 8.5 | 178 | 7 | 17 | 0.688 | 16 | 0.625 | 4 |
| | BS10 E | 216 | 8.5 | 178 | 7 | 17 | 0.688 | 16 | 0.625 | 8 |
| | ANSI 125/150 | 229 | 9 | 191 | 7.5 | 19 | 0.75 | 16 | 0.625 | 8 |
| DN150/6" | PN10/16 | 285 | 11.22 | 240 | 9.45 | 22 | 0.875 | 20 | 0.79 | 8 |
| | BS10 A | 279 | 11 | 235 | 9.25 | 17 | 0.688 | 16 | 0.625 | 4 |
| | BS10 D | 279 | 11 | 235 | 9.25 | 17 | 0.688 | 16 | 0.625 | 8 |
| | BS10 E | 279 | 11 | 235 | 9.25 | 22 | 0.875 | 19 | 0.75 | 8 |
| | ANSI 125/150 | 279 | 11 | 241 | 9.5 | 22 | 0.875 | 19 | 0.75 | 8 |
| DN200/8" | PN10 | 340 | 13.4 | 295 | 11.6 | 22 | 0.875 | 20 | 0.79 | 8 |
| | PN16 | 340 | 13.4 | 295 | 11.6 | 22 | 0.875 | 20 | 0.79 | 12 |
| | BS10 AD | 337 | 13.25 | 292 | 11.5 | 17 | 0.688 | 16 | 0.625 | 8 |
| | BS10 E | 337 | 13.25 | 292 | 11.5 | 22 | 0.875 | 19 | 0.75 | 8 |
| | ANSI 125/150 | 343 | 13.5 | 298 | 11.75 | 22 | 0.875 | 19 | 0.75 | 8 |
| DN250/10" | PN10 | 395 | 15.55 | 350 | 13.78 | 22 | 0.875 | 20 | 0.79 | 12 |
| | PN16 | 405 | 15.55 | 355 | 14 | 26 | 1.03 | 24 | 0.95 | 12 |
| | BS10 AD | 406 | 16 | 356 | 14 | 22 | 0.875 | 19 | 0.75 | 8 |
| | BS10 E | 406 | 16 | 356 | 14 | 22 | 0.875 | 19 | 0.75 | 12 |
| | ANSI 125/150 | 406 | 16 | 362 | 14.25 | 25 | 1 | 22 | 0.875 | 12 |
| DN300/12" | PN10 | 445 | 17.5 | 400 | 15.75 | 22 | 0.875 | 20 | 0.79 | 12 |
| | PN16 | 460 | 18.2 | 410 | 16.15 | 26 | 1.03 | 24 | 0.95 | 12 |
| | BS10 A | 457 | 18 | 406 | 16 | 22 | 0.875 | 19 | 0.75 | 8 |
| | BS10 D | 457 | 18 | 406 | 16 | 22 | 0.875 | 19 | 0.75 | 12 |
| | BS10 E | 457 | 18 | 406 | 16 | 25 | 1 | 22 | 0.875 | 12 |
| | ANSI 125/150 | 483 | 19 | 432 | 17 | 25 | 1 | 22 | 0.875 | 12 |
| DN350/14" | PN10 | 505 | 19.88 | 460 | 18.11 | 22 | 0.875 | 20 | 0.79 | 16 |
| | PN16 | 520 | 20.47 | 470 | 18.50 | 26 | 1.03 | 24 | 0.95 | 16 |
| | BS10 A | 527 | 20.75 | 470 | 18.5 | 25 | 1 | 22 | 0.875 | 8 |
| | BS10 DE | 527 | 20.75 | 470 | 18.5 | 25 | 1 | 22 | 0.875 | 12 |
| | ANSI 125/150 | 533 | 21 | 476 | 18.75 | 29 | 1.125 | 25 | 1 | 12 |
| DN400/16" | PN10 | 565 | 22.24 | 515 | 20.28 | 26 | 1.03 | 24 | 0.95 | 16 |
| | PN16 | 580 | 22.83 | 525 | 20.67 | 30 | 1.20 | 27 | 1.07 | 16 |
| | BS10 ADE | 578 | 22.75 | 521 | 20.5 | 25 | 1 | 22 | 0.875 | 12 |
| | ANSI 125/150 | 597 | 23.5 | 540 | 21.25 | 29 | 1.125 | 25 | 1 | 16 |
| DN450/18" | PN10 | 615 | 24.21 | 565 | 22.24 | 26 | 1.03 | 24 | 0.95 | 20 |
| | PN16 | 640 | 25.20 | 585 | 23.03 | 30 | 1.20 | 27 | 1.07 | 20 |
| | BS10 AD | 641 | 25.25 | 584 | 23 | 25 | 1 | 22 | 0.875 | 12 |
| | BS10 E | 641 | 25.25 | 584 | 23 | 25 | 1 | 22 | 0.875 | 16 |
| | ANSI 125/150 | 635 | 25 | 578 | 22.75 | 32 | 1.25 | 29 | 1.125 | 16 |
| DN500/20" | PN10 | 670 | 26.38 | 620 | 24.41 | 26 | 1.03 | 24 | 0.95 | 20 |
| | PN16 | 715 | 28.15 | 650 | 25.59 | 33 | 1.30 | 30 | 1.20 | 20 |
| | BS10 A | 705 | 27.75 | 642 | 25.25 | 25 | 1 | 22 | 0.875 | 12 |
| | BS10 DE | 705 | 27.75 | 642 | 25.25 | 25 | 1 | 22 | 0.875 | 16 |
| | ANSI 125/150 | 698 | 27.5 | 635 | 25 | 32 | 1.25 | 29 | 1.125 | 20 |
| DN600/24" | PN10 | 780 | 30.71 | 725 | 28.54 | 30 | 1.20 | 27 | 1.07 | 20 |
| | PN16 | 840 | 33.07 | 770 | 30.31 | 36 | 1.42 | 33 | 1.30 | 20 |
| | BS10 A | 826 | 32.5 | 756 | 29.75 | 29 | 1.125 | 25 | 1 | 12 |
| | BS10 D | 826 | 32.5 | 756 | 29.75 | 29 | 1.125 | 25 | 1 | 16 |
| | BS10 E | 826 | 32.5 | 756 | 29.75 | 32 | 1.25 | 29 | 1.125 | 16 |
| | ANSI 125/150 | 813 | 32 | 749 | 29.5 | 35 | 1.375 | 32 | 1.25 | 20 |

Pipe Material Product Selector - Couplings, Stepped Couplings & Flange Adaptors

NOTE: This table provides guidance as to which Viking Johnson products are compatible with which pipe material. Please consult the product literature to obtain further details on final suitability.

| Product Groups | | | Nominal Size Range (mm) | Ductile Iron | Cast Iron | Steel | Stainless Steel | PVC | HEP30 | Polypropylene | MDPE/PE80 | HDPE/PE100 | PE Barrier Pipe | GRP | ABS | Clay | Concrete | Asbestos Cement | Copper | Lead | |
|---------------------------------------|-------------------------|---------------|-------------------------|--------------|-----------|-------|-----------------|-----|-------|---------------|-----------|------------|-----------------|-----|-----|------|----------|-----------------|--------|------|---|
| Wide Tolerance | | | | | | | | | | | | | | | | | | | | | |
| MaxiFit (A, C) | Coupling | 40 - 700 | ● | ● | ● | 6 | ● | ● | 8 | 8 | 8 | | | 6 | ● | 1 | ● | 6 | 1 | 1 | |
| | Flange Adaptor | 40 - 700 | ● | ● | ● | 6 | ● | ● | 8 | 8 | 8 | | | 6 | ● | 1 | ● | 6 | 1 | 1 | |
| | Step Coupling | 40 - 700 | ● | ● | ● | 6 | ● | ● | 8 | 8 | 8 | | | 6 | ● | 1 | ● | 6 | 1 | 1 | |
| MegaFit (A, C) | Coupling | 50 - 300 | ● | ● | ● | 6 | ● | ● | | | | | | 6 | ● | 1 | ● | 6 | | | |
| | Flange Adaptor | 50 - 300 | ● | ● | ● | 6 | ● | ● | | | | | | 6 | ● | 1 | ● | 6 | | | |
| | Step Coupling | 50 - 300 | ● | ● | ● | 6 | ● | ● | | | | | | 6 | ● | 1 | ● | 6 | | | |
| UltraGrip (A, B) | Coupling | 40 - 600 | ● | ● | ● | | ● | ● | 3 | 3 | 3 | | | 2 | | | | | | 2 | |
| | Flange Adaptor | 40 - 600 | ● | ● | ● | | 5 | 5 | 3 | 3 | 3 | | | 2 | | | | | | 2 | |
| | Reducers | 40 - 600 | ● | ● | ● | | 5 | 5 | 3 | 3 | 3 | | | 2 | | | | | | 2 | |
| | End Caps | 50 - 300 | ● | ● | ● | | 5 | 5 | 3 | 3 | 3 | | | 2 | | | | | | 2 | |
| | Pecat | 80 - 200 | ● | ● | ● | | 5 | 5 | | | | | | | | | | | | | |
| UltraGrip Amplified (A, B) | Coupling | 700 - 800 | ● | ● | ● | | 1 | | 3 | 3 | 3 | | | | | | | | | 2 | |
| | Flange Adaptor | 700 - 800 | ● | ● | ● | | 1 | | 3 | 3 | 3 | | | | | | | | | 2 | |
| | Reducers | 700 - 800 | ● | ● | ● | | 1 | | 3 | 3 | 3 | | | | | | | | | 2 | |
| Dedicated | | | | | | | | | | | | | | | | | | | | | |
| FlexLock (A, B) | Coupling | 50 - 300 | ● | | ● | | | | | | | | | | | | | | | | |
| | Flange Adaptor | 50 - 300 | ● | | ● | | | | | | | | | | | | | | | | |
| QuickFit (A, C) | Coupling | 40 - 300 | ● | | ● | | ● | ● | | | | | | | ● | | ● | | | | |
| | Flange Adaptor | 40 - 300 | ● | | ● | | ● | ● | | | | | | | ● | | ● | | | | |
| Large Diameter Unfitted (A, C) | Coupling | 350 & greater | ● | ● | ● | 6 | ● | ● | | | | | | 6 | ● | | ● | 6 | | | |
| | Flange Adaptor | 350 & greater | ● | ● | ● | 6 | ● | ● | | | | | | 6 | ● | | ● | 6 | | | |
| | Step Coupling | 350 & greater | ● | ● | ● | 6 | ● | ● | | | | | | 6 | ● | | ● | 6 | | | |
| PE Solutions | | | | | | | | | | | | | | | | | | | | | |
| AquaFast (A, B) | Coupling | 63 - 315 | | | | | ● | ● | ● | ● | ● | | | | | | | | | | |
| | LD Coupling | 355 - 450 | | | | | | | | | ● | ● | | | | | | | | | |
| | Flange Adaptor | 63 - 315 | | | | | ● | ● | ● | ● | ● | | | | | | | | | | |
| | LD Flange Adaptor | 355 - 450 | | | | | | | | | ● | ● | | | | | | | | | |
| AquaGrip (A, B) | Coupling | 63 - 180 | | | | | | | | ● | ● | ● | | | | | | | | | |
| | Flange Adaptor | 63 - 180 | | | | | | | | ● | ● | ● | | | | | | | | | |
| | Flange Adaptor | 225 - 800 | | | | | | | | | ● | ● | | | | | | | | | |
| AquaShield (A, B) | Coupling | 90 - 180 | | | | | | | | | | ● | ● | | | | | | | | |
| | Flange Adaptor | 90 - 180 | | | | | | | | | | ● | ● | | | | | | | | |
| Pipe Repairs | | | | | | | | | | | | | | | | | | | | | |
| EasiRange (A) | EasiClamp / Tap | 50 - 600 | ● | ● | ● | | | 4 | 4 | 4 | 4 | 4 | | | | | | | | | |
| | Universal EasiTee | 80 - 300 | ● | ● | ● | | | | | | | | | | | | | | | | |
| | Matt Seal EasiTee / Tap | 350 - 600 | ● | ● | ● | | | | | | | | | | | | | | | | |
| | Ring Seal EasiTee | 350 - 1200 | ● | ● | ● | | | ● | | | | | | | | | | | | | |
| | EasiCollar | 300 - 1200 | ● | ● | | | | | | | | | | | | | | ● | ● | | |
| HandiRange (A) | HandiBand | 15 - 50 | | | ● | | ● | ● | | | | | | | ● | | | | ● | | |
| | HandiClamp / Tee | 50 - 600 | ● | ● | ● | 6 | ● | ● | 7 | 7 | 7 | | | 7 | ● | | ● | ● | ● | | ● |



Note: A Viking Johnson product is suitable up to a stated working pressure rating for a given pipe material.

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- (A) Pipe material is suitable within Viking Johnson product OD tolerance range.
- (B) Restrained Products - Accommodate end load forces due to internal pressure in pipe.
- (C) Flexible Products - Do not accommodate end load and adequate external support must be provided.
- (D) Restrained Products - Accommodate end load forces in accordance with PE liner unrestrained pressure capability.
- (1) Please contact Viking Johnson Marketing department for further details.
- (2) Only as Flex Version.
- (3) Only as Gripping version with a support liner.
- (4) Available up to DN200 (limited performance).
- (5) May require a support liner - see technical literature.
- (6) May require reduced bolt torque - Contact Viking Johnson.
- (7) Limited performance.
- (8) Short length up to and including 1m of PE when used with a support liner.

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