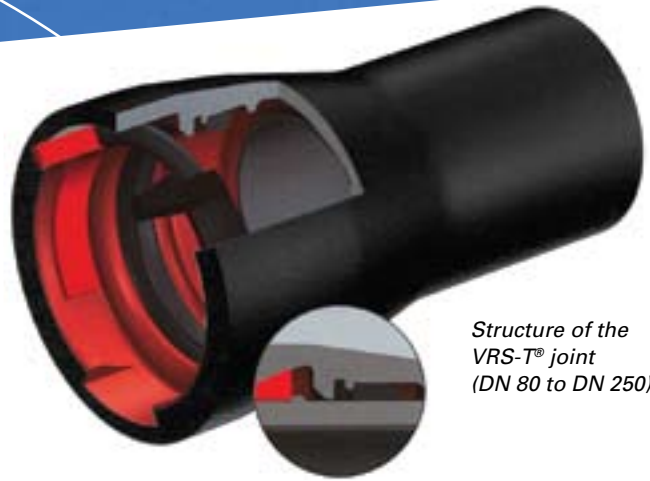




PIPE TECHNICAL DATA

VRS-T Ductile Iron Water Pipe Information



Structure of the VRS-T® joint (DN 80 to DN 250)

| Nominal Size | | | | | | | PN25 (362.5 psi) | | | | | PN40 (580 psi) | | | | |
|--------------|------|---------|----------|------------|---------|---------|------------------|-------------|----------|---------|---------|----------------|-------------|----------|--|--|
| DN | Inch | OD (in) | CML (in) | Deflection | ID (in) | K-Class | Wall (in) | Lb (no cml) | Lb (cml) | ID (in) | K-Class | Wall (in) | Lb (no cml) | Lb (cml) | | |
| 100 | 4 | 4.65 | 0.125 | 5 deg. | 3.93 | K9 | 0.236 | 197 | 245 | 3.93 | K10 | 0.236 | 197 | 245 | | |
| 150 | 6 | 6.69 | 0.125 | 5 | 5.97 | K9 | 0.236 | 293 | 356 | 5.97 | K9 | 0.236 | 293 | 356 | | |
| 200 | 8 | 8.74 | 0.125 | 4 | 7.99 | K9 | 0.248 | 405 | 486 | 7.99 | K9 | 0.248 | 405 | 486 | | |
| 250 | 10 | 10.79 | 0.125 | 4 | 10.01 | K9 | 0.266 | 542 | 637 | 10.01 | K9 | 0.266 | 542 | 637 | | |
| 300 | 12 | 12.83 | 0.125 | 4 | 12.01 | K9 | 0.283 | 696 | 818 | 12.01 | K9 | 0.283 | 696 | 818 | | |
| 400 | 16 | 16.89 | 0.1875 | 3 | 15.88 | K9 | 0.319 | 1,036 | 1,246 | - | - | - | - | - | | |
| 500 | 20 | 20.94 | 0.1875 | 3 | 19.86 | K9 | 0.354 | 1,427 | 1,687 | - | - | - | - | - | | |

| Nominal Size | | | | | | | PN64 (928 psi) | | | | | PN100 (1,450 psi) | | | | |
|--------------|------|---------|----------|------------|---------|---------|----------------|-------------|----------|---------|---------|-------------------|-------------|----------|--|--|
| DN | Inch | OD (in) | CML (in) | Deflection | ID (in) | K-Class | Wall (in) | Lb (no cml) | Lb (cml) | ID (in) | K-Class | Wall (in) | Lb (no cml) | Lb (cml) | | |
| 100 | 4 | 4.65 | 0.125 | 5 deg. | 3.93 | K10 | 0.236 | 197 | 245 | 3.88 | K11 | 0.260 | 214 | 262 | | |
| 150 | 6 | 6.69 | 0.125 | 5 | 5.93 | K10 | 0.256 | 314 | 377 | 5.72 | K14 | 0.358 | 422 | 485 | | |
| 200 | 8 | 8.74 | 0.125 | 4 | 7.88 | K11 | 0.303 | 484 | 565 | 7.61 | K16 | 0.441 | 674 | 755 | | |
| 250 | 10 | 10.79 | 0.125 | 4 | 9.83 | K12 | 0.354 | 698 | 793 | 9.48 | K18 | 0.531 | 1,001 | 1,096 | | |
| 300 | 12 | 12.83 | 0.125 | 4 | 11.76 | K13 | 0.409 | 960 | 1,082 | 11.32 | K20 | 0.630 | 1,410 | 1,532 | | |
| 400 | 16 | 16.89 | 0.1875 | 3 | - | - | - | - | - | - | - | - | - | - | | |
| 500 | 20 | 20.94 | 0.1875 | 3 | - | - | - | - | - | - | - | - | - | - | | |