**Fluid Mechanics Chart**

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| --- | --- | --- | --- |
| **Velocity (m/s)** | **Pipe Diameter (m)** | **Temperature** | **Reynolds number** |
| 0.01 | 0.01 | 5 | 67.1141 |
| 0.03 | 0.01 | 5 | 201.342 |
| 0.04 | 0.01 | 5 | 268.456 |
| 0.01 | 0.02 | 10 | 157.672 |
| 0.03 | 0.02 | 10 | 458.015 |
| 0.04 | 0.02 | 10 | 610.687 |
| 0.01 | 0.03 | 15 | 260.87 |
| 0.03 | 0.03 | 15 | 782.609 |
| 0.04 | 0.03 | 15 | 1043.48 |