



Pipeworkz LLC
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 Bates City, MO 64011
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PIPE SPECIFICATION 2.00" SDR 11

PIPEWORKZ CONDUIT IS MANUFACTURED FROM HIGH DENSITY POLYETHYLENE COMPOUNDS THAT MEET OR EXCEED ASTM D-3350 REQUIREMENTS AND CELL CLASSIFICATION PE435540A. ALL MATERIALS SOURCED IN THE USA.

| RAW MATERIAL OVERVIEW | | |
|-----------------------|---------------------------------------------------|---------------------------------|
| ASTM TEST | DESCRIPTION | VALUES |
| D-1238 | MELT INDEX, g/10 MIN COND E | 0.05-0.50 |
| D-1238 | HIGH LOAD MELT INDEX g/10 MIN | 6-26G/10 MIN |
| D-1505 | DENSITY g/CM3 | 0.941-0.955 |
| D-1693 | ENVIRONMENTAL STRESS CRACK RESISTANCE COND B F 20 | 96 MIN |
| D-1822 | TENSILE IMPACT | 277 FT-LB/IN |
| D-3350 | CELL CLASSIFICATION | PE435540A |
| D-3350 | THERMAL STABILITY | >428F (>220C) |
| D-638 | TENSILE STRENGTH AT YIELD (PSI) | 3000 MIN |
| D-638 | TENSILE ELONGATION | >600% |
| D-696 | THERMAL EXPANSION COEFFICIENT | 9 X 10 ⁻⁵ IN/IN/F |
| D-746 | BRITTLINESS TEMP | C-75 |
| D-790 | FLEXURAL MODULUS, MPA (PSI) | 80,000 MIN |

| SMOOTH WALL TECHNICAL SPECIFICATIONS | | | | |
|--------------------------------------|-------------|------------------|-----------------------|-------------------------|
| PIPE SIZE | NOM OD (IN) | OD TOLERANCE +/- | BEND RADIUS SUPPORTED | BEND RADIUS UNSUPPORTED |
| 2 | 2.375 | 0.012 | 24 | 48 |

| PIPE SIZE 2" DIAMETER | | | | | | |
|-----------------------|---------------|----------------|------------|-------------|---------------|------------|
| SDR | MIN WALL (IN) | WALL TOLERANCE | AV ID (IN) | MIN ID (IN) | WEIGHT (#/FT) | SWPS (LBS) |
| 11 | 0.216 | 0.026 | 1.917 | 1.891 | 0.636 | 3,515 |