

AquaSeal PEX-A Red Plumbing Pipe

AquaSeal

| | | | |
|------------|--|----------------|------|
| JOB | | REPRESENTATIVE | |
| ENGINEER | | ORDER # | DATE |
| CONTRACTOR | | SUBMITTED BY | DATE |
| PAGE # | | APPROVED BY | DATE |

| Qty/Length | Part # | Pipe OD | SDR | Comments |
|------------|--------|---------|-----|----------|
| | | | 9 | |
| | | | 9 | |

PEX-A 21000 Series Plumbing Pipe Non Barrier

The AquaSeal Pex-A pipes are produced from special HMW-HDPE resins. The crosslinking is performed (peroxide method) during the production process, resulting in irreversible cross-links between adjacent P.E. chains. The crosslinking process renders the pipe improved mechanical process such as; resistance to corrosion and pressure at high temperature, exceptional high abrasion and superb chemical resistance, and excellent longevity at high temperatures.

Pex-A pipes are compatible with the following ASTM connection systems; F1960, 2080, 2159, 1807. Product is uncoated in Natural, Red and Blue colors.

Covered by a twenty-five year manufacturers warranty.



| Technical Data | Value | Unit | Test Standard | Manufacturing Standards | |
|---|----------------------------------|--|---------------|-------------------------|--------------------|
| Density | 938 | kg/m ³ | ASTM F-876 | ASTM | F-876 / F-877 |
| Impact Strength (at 20°C) (at 100°C) | No Failure No Failure | KJ/m ² KJ/m ² | DIN 53453 | ASTM | E-84 FLAME SPREAD |
| Elongation at break (at 20°C) (at 100°C) | 350-550 500-700 | % | DIN 53455 | ASTM | 5106 CHLORINE / UV |
| Tensile Strength (at 20°) (at 100°C) | 20-26 9-13 | N/mm ² N/mm ² | DIN 53455 | ASTM | F-1960 / F-2080 |
| Max. Op. Temperature | 203°F @ 90 PSI (95°C @ 6 bar) | | | CSA | B137.5 / LM101713 |
| Pressure Tested | 290 PSI (20bar) | | | DIN | 4726 / 9 |
| | | | | IAPMO | C |
| | | | | ICBO | ES ER-5258 |
| | | | | NSF | 61-PW-G / 14 / RFH |

| Description | Nominal Size | Average OD | Minum Wall Thickness | Weight lbs/ ft | Capacity Gal/ft | Bend Radius |
|-----------------------------|--------------|------------|----------------------|----------------|-----------------|-------------|
| 21312A Red PEX-A Pipe 20' | 1/2" | 0.625 | 0.070" | 0.06 | 0.0098 | 3.25" |
| 21205A Red PEX-A Pipe 100' | 1/2" | 0.625 | 0.070" | 0.06 | 0.0098 | 3.25" |
| 21105A Red PEX-A Pipe 300' | 1/2" | 0.625 | 0.070" | 0.06 | 0.0098 | 3.25" |
| 21305A Red PEX-A Pipe 1000' | 1/2" | 0.625 | 0.070" | 0.06 | 0.0098 | 3.25" |
| 21905A Red PEX-A Pipe 20' | 3/4" | 0.875 | 0.097" | 0.10 | 0.0189 | 4.50" |
| 21222A Red PEX-A Pipe 100' | 3/4" | 0.875 | 0.097" | 0.10 | 0.0189 | 4.50" |
| 21122A Red PEX-A Pipe 300' | 3/4" | 0.875 | 0.097" | 0.10 | 0.0189 | 4.50" |
| 21322A Red PEX-A Pipe 20' | 1" | 1.125 | 0.125" | 0.17 | 0.0316 | 5.75" |
| 21228A Red PEX-A Pipe 100' | 1" | 1.125 | 0.125" | 0.17 | 0.0316 | 5.75" |