<u>A – 11</u>

PAGE 12

PIPE IDENTITY BY SIZE

The following table based on the historical pipe purchases by the Company, indicates the probable types of pipes that could be found for various sizes:

| - 4" hd Larger - 4" hd Larger hd Larger - 26" - 4" - 24" - 24" 16" - 18" - 12" | TYPE PIPE Butt Weld Lap Weld Butt Weld Lap Weld Seamless Single Submerged Arc Weld and A.O. Smith Process Butt Weld Seamless Single Submerged Arc Weld Elec. Resistance Weld Elec. Res. Weld Seamless | EFFICIENCY .60 .80 1.00 .80 1.00 .80 1.00 .80 1.00 1.00 | PSI 28,000 28,000 28,000 30,000 33,000 28,000 30,000 up to 39,000 30,000 |
|---|---|--|--|
| nd Larger - 4" nd Larger nd Larger - 26" - 4" - 24" - 24" 16" - 18" | Lap Weld Butt Weld Lap Weld Seamless Single Submerged Arc Weld and A.O. Smith Process Butt Weld Seamless Single Submerged Arc Weld Elec. Resistance Weld Elec. Res. Weld | .80 .60 .80 1.00 .80 1.00 .80 | 28,000 28,000 28,000 30,000 33,000 28,000 30,000 up to 39,000 |
| - 4" nd Larger nd Larger - 26" - 4" - 24" - 24" 16" - 18" | Butt Weld Lap Weld Seamless Single Submerged Arc Weld and A.O. Smith Process Butt Weld Seamless Single Submerged Arc Weld Elec. Resistance Weld Elec. Res. Weld | .60 .80 1.00 .80 1.00 .80 | 28,000 28,000 30,000 33,000 28,000 30,000 up to 39,000 |
| nd Larger nd Larger - 26" - 24" - 24" - 24" - 16" | Lap Weld Seamless Single Submerged Arc Weld and A.O. Smith Process Butt Weld Seamless Single Submerged Arc Weld Elec. Resistance Weld Elec. Res. Weld | .80 1.00 .80 1.00 .80 1.00 | 28,000 30,000 33,000 28,000 30,000 up to 39,000 |
| nd Larger - 26" - 24" - 24" - 24" - 16" | Seamless Single Submerged Arc Weld and A.O. Smith Process Butt Weld Seamless Single Submerged Arc Weld Elec. Resistance Weld Elec. Res. Weld | 1.00 .80 .60 1.00 .80 | 30,000 33,000 28,000 30,000 up to 39,000 |
| - 26" - 4" - 24" - 24" 16" - 18" | Single Submerged Arc Weld and A.O. Smith Process Butt Weld Seamless Single Submerged Arc Weld Elec. Resistance Weld Elec. Res. Weld | .80 .60 1.00 .80 1.00 | 33,000 28,000 30,000 up to 39,000 |
| - 4" - 24" - 24" 16" - 18" | Arc Weld and A.O. Smith Process Butt Weld Seamless Single Submerged Arc Weld Elec. Resistance Weld Elec. Res. Weld | .60 1.00 .80 1.00 | 28,000 30,000 up to 39,000 |
| - 24" - 24" 16" - 18" | Butt Weld Seamless Single Submerged Arc Weld Elec. Resistance Weld Elec. Res. Weld | 1.00 .80 1.00 | 30,000 up to 39,000 |
| - 24" - 24" 16" - 18" | Seamless Single Submerged Arc Weld Elec. Resistance Weld Elec. Res. Weld | 1.00 .80 1.00 | 30,000 up to 39,000 |
| - 24" 16" - 18" | Single Submerged Arc Weld Elec. Resistance Weld Elec. Res. Weld | .80 1.00 | up to 39,000 |
| 16" - 18" | Arc Weld Elec. Resistance Weld Elec. Res. Weld | 1.00 | |
| - 18" | Weld Elec. Res. Weld | | 30,000 |
| | | 1.00 | |
| - 12" | Comlese | | 42,000 - 52,00 |
| | Seamless | 1.00 | 35,000 |
| - 24" | Seamless | 1.00 | 35,000 - 42,00 |
| - 36" | Double Submerged Arc Weld (Expanded) | 1.00 | 42,000 - 60,00 |
| - 3" | Butt Weld | .60 | 25,000 - 28,00 |
| 8" | Elec. Res. Weld | 1.00 | 35,000 - 42,00 |
| - 3" | Butt Weld | .60 | 25,000 |
| 8" | Elec. Res. Weld | 1.00 | 42,000 |
| - 2" | Butt Weld | .60 | 25,000 |
| 8" | Elec. Res. Weld | 1.00 | 35,000 - 42,00 |
| - 18" | Elec. Res. Weld | 1.00 | 42,000 - 60,00 |
| - 12" | Seamless | 1.00 | 35,000 |
| - 42" | Double Submerged Arc Weld (Expanded) | 1.00 | 42,000 - 65,00 |
| | - 3" 8" - 3" 8" - 2" 8" - 18" - 12" - 42" | Weld (Expanded) - 3" Butt Weld 8" Elec. Res. Weld - 3" Butt Weld 8" Elec. Res. Weld - 2" Butt Weld 8" Elec. Res. Weld - 18" Elec. Res. Weld - 12" Seamless - 42" Double Submerged Arc | Weld (Expanded) - 3" Butt Weld .60 8" Elec. Res. Weld 1.00 - 3" Butt Weld .60 8" Elec. Res. Weld 1.00 - 2" Butt Weld .60 8" Elec. Res. Weld 1.00 - 2" Butt Weld .60 8" Elec. Res. Weld 1.00 - 18" Elec. Res. Weld 1.00 - 12" Seamless 1.00 - 42" Double Submerged Arc 1.00 |

standard due to special purchases, or older pipe being held in inventory.

| PG&ECO. | 085053 | CHANGE |
|-----------------------|--------|--------|
| SHEET 12 OF 12 SHEETS | 065055 | |
| | | |