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Project: \_\_\_\_\_

Architect: \_\_\_\_\_ / Contractor: \_\_\_\_\_

Engineer: \_\_\_\_\_ / Date: \_\_\_\_\_

## ***FlexPex-A***

### **Expansion Pex-A Pipe**

#### **Feature:**

- CFI's FlexPex-A tubing is cross-linked polyethylene tubing can be installed with F1960 expansion and F1807 crimp fittings for potable water applications.
- Freeze, corrosion and chlorine resistance.
- Flexible and easy to install, kink repairable
- Made in Spain with 25 years manufacturer's warranty
- Size available from 1/2" – 2" in blue, red and white color.
- CFI's FlexPex-A Pipe has more than 45 years of proven performance

#### **Standard and Approvals:**

CFI's FlexPex-A tubing is SDR-9 conformed to ASTM F876 and ASTM F877 standards for using ASTM approved water application systems.

NSF/ANSI 372  
ASTM F876 / ASTM F877  
NSF14 / NSF 61



#### **Pressure Rating:**

160psi @ 73°F (23°C)  
100psi @ 180°F (82°C)  
80psi @ 200°F (93°C)

**Hydrostatic Stresses and Pressure Rating**

Rated Temperature		Hydrostatic Stress		Pressure Rating	
°F	°C	psi	Mpa	psi	Mpa
73	23	630	4.34	160	1.10
180	82.2	400	2.76	100	0.69
200	93.3	315	2.17	80	0.55

## Pipe Specification:

### Nominal FlexPex-A SDR-9 Tubing

Size	Pipe O.D. (inch)	Wall thickness (inch)	Pipe I.D. (inch)	Weight of pipe (lbs./ft)	Contents of pipe (gal/ft)
1/2"	0.625	0.07	0.475	0.06	0.0092
3/4"	0.875	0.097	0.671	0.1	0.0184
1"	1.125	0.125	0.862	0.2	0.0303
1-1/4"	1.375	0.153	1.054	0.34	0.0453
1-1/2"	1.625	0.181	1.244	0.44	0.0632
2"	2.125	0.236	1.629	0.682	0.1083

### Primary Test Variables and Control Limits

Parameter	Nominal	Control limits
pH	6.8	±0.2
Chlorine (mg/L)	4.4	±0.2
ORP (mV)	> 825	Measured
Fluid Temp. (°C)	115	±1
Air Temp. (°C)	115	±1
Fluid Pressure (psig)	60	±3
Flow Rate (USGPM)	0.1	±10%