

# CERTA-LOK™ YELOMINE™

## Restrained Joint PVC Pressure Piping System

Certa-Lok™ Yelomine™ is a restrained joint PVC pressure piping system featuring high impact strength and ultraviolet protection. When designing and selecting a piping system to meet system demands, many factors must be taken into consideration – size, flow rate, strength, longevity, load, exposure, impact, chemical resistance, ease of assembly, initial cost, joining systems, quality, etc. This fact sheet has been designed to enable you to make a qualified decision when specifying a piping product for your next job.

### CERTIFICATION OF QUALITY

1. Yelomine formulations will contain sufficient impact modifier to demonstrate approximately twice the Izod impact level of our conventional white PVC pipe, and shall meet or exceed the listed plant production specifications versus ASTM D2444. Production records and independent laboratory test data available upon request.

2. Yelomine formulations will contain a minimum of 5 pts. high-purity TiO<sub>2</sub> to prevent surface discoloration and to provide superior, long-term UV protection against impact strength degradation. Independent laboratory atomic absorption test data available upon request.

3. All Certa-Lok Yelomine pipe, couplings and fittings have Potable Water Service Certification and are performance tested in accordance with NSF No. 14 (National Sanitation Foundation), "Standard for Plastic Piping System Components and Related Materials."

4. Only Type 1, Grade 1, 2000 psi hydrostatic design stress high impact material, Class 12454-B per ASTM D1784, will be used in the production of Certa-Lok Yelomine pipe and couplings.

5. PVC resin manufactured at CertainTeed's ISO 9000-certified resin plant in Sulphur, Louisiana, will be used in the production of Certa-Lok Yelomine. Copies of certification available upon request. All Certa-Lok Yelomine pipe and couplings will be manufactured at CertainTeed's McPherson, Kansas, extrusion and molded plastics production plants.

### CERTAINTEED IMPACT PRODUCTION SPECS

PVC Yelomine Pipe, Couplings and Accessories

Nominal Size	SDR 32.5 Ft.-Lbs.	SDR 26 Ft.-Lbs.	SDR 21 Ft.-Lbs.	SDR 17 Ft.-Lbs.	NSF All SDRs Ft.-Lbs.
2"	-	-	-	170	30
3"	-	-	-	245	60
4"	-	210	255	320	90
6"	250	305	380	470	120
8"	300	400	495	610	160
10"	350	500	530	-	160
12"	400	500	530	-	160

### NOMINAL PROPERTY VALUES

Pipe Property	Test Method	Value
Izod Impact	ASTM D256	1.15 ft.-lb./in. of notch
Tensile Strength	ASTM D638	7,000 psi
Modulus of Elasticity	ASTM D638	400,000 psi
Deflection Temperature	ASTM D648	158°F
Chemical Resistance	ASTM D543	B
Elongation	ASTM D638	150%
Flammability	ASTM D635	Self-extinguishing



Our extrusion and molded plastic production plants in McPherson, Kansas, where Yelomine™ pipe and couplings are manufactured.



CertainTeed's ISO 9000-certified PVC resin manufacturing plant in Sulphur, Louisiana.

For additional information on **Certa-Lok Yelomine**, contact your local CertainTeed representative or write:

**CertainTeed Corporation**, Pipe & Plastics Group, P.O. Box 860, Valley Forge PA 19482 (610) 341-7000 Fax (610) 341-6837

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