

**FLAMEBLOCK**

cPVC Fire Sprinkler System: Technical Data Sheet

A. TECHNICAL SPECIFICATION

FIRE SPRINKLER SYSTEM - "FLAMEBLOCK" Pipe SDR 13.5, made in Korea. Length 4.0m., according to ASTM 442. C-PVC, Melting point 103 degrees Celsius/working pressure 12.3kgf/cm². KFI certified color orange. Exclusively distributed by OTHMANN INC.

B. INTERNATIONAL QUALITY AND HEALTH CERTIFICATIONS



Korea Fire Institute

C. INSTALLATION TECHNOLOGY

Cold Fusion Jointing Technology

D. MANUFACTURING STANDARDS AND REGULATIONS

1. **ASTM 442** – Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR)
2. **ASTM F438** – Standard Specification for Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40
3. **ASTM F437** –Standard Specification For Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80

3. SIZE AVAILABILITY

Nominal Size	Outside Diameter	cPVC Fire Sprinkler System	
		Pipe Thickness	Inner Diameter
in	mm	mm	mm
1	33.4	2.46	28.48
1 ¼	42.2	3.12	35.96
1 ½	48.2	3.58	41.04
2	60.3	4.47	51.36
2 ½	73	5.41	62.18
3	88.9	6.58	75.74
4	114.3	8.46	97.38