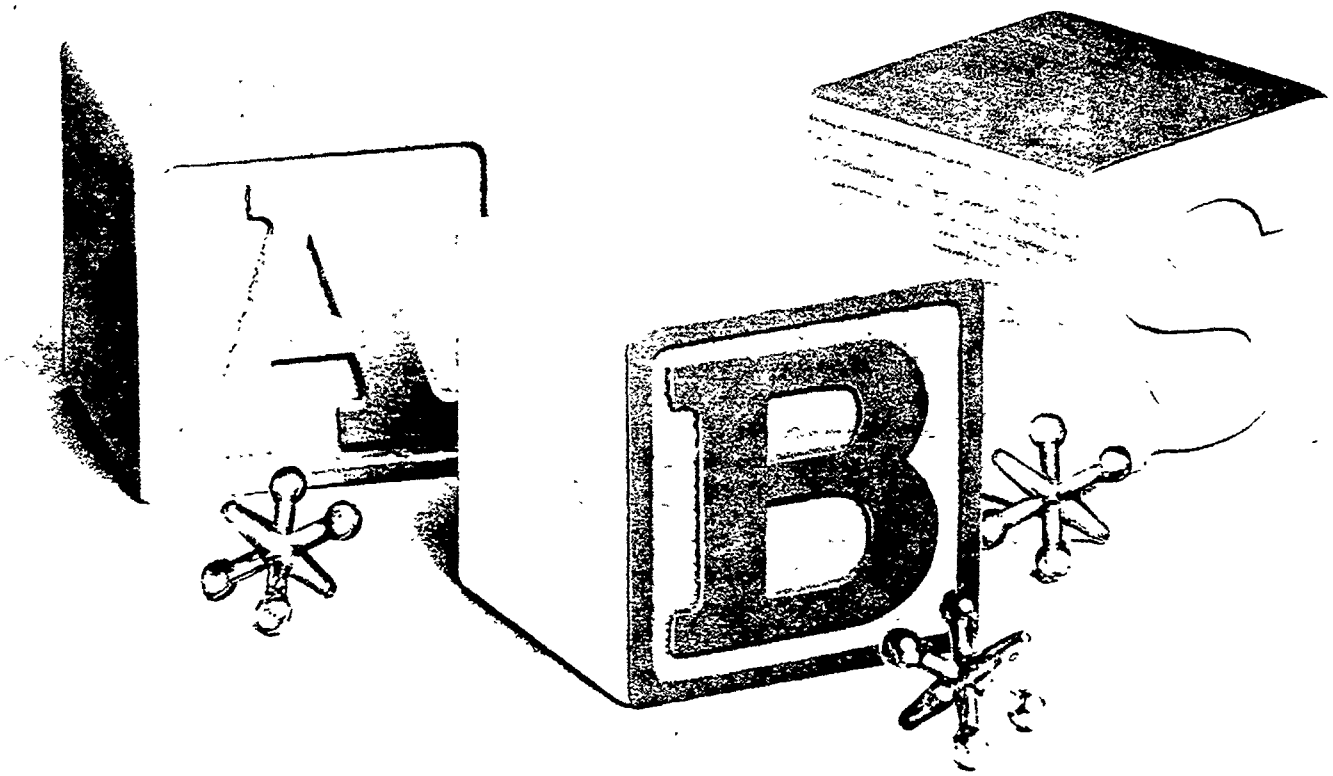
tough,
hard,
chemical-
resistant

K·M

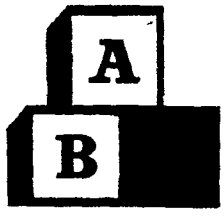


Acrylonitrile Butadiene Styrene

for Utilities & Municipalities, Petroleum Industry, Chemical & Refining Industry, Agriculture, Golf Course Irrigation

K·M ABS PLASTIC PIPE—as

LEARN YOUR **ABS**



It's short for Acrylonitrile Butadiene Styrene. Now Acrylonitrile copolymers of Butadiene and Styrene have been alloyed—combined rubber and resin to produce a pipe highly resistant to chemicals and oils. Now, by combining A, B and S, you have a lightweight, rigid pipe that combines hardness, heat-resistance, and toughness, along with resistance to chemicals.

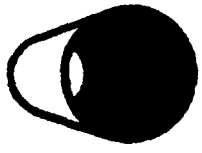
THEN PUT THEM TO WORK



The following are only a few of the many uses to which you can put lightweight "K&M" ABS Plastic Pipe:

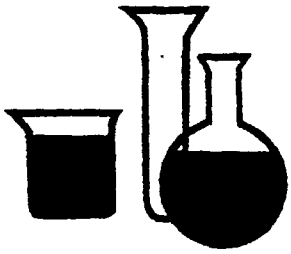
• Domestic water service • Sprinkler systems on farms, golf courses, and parks • Salt water disposal systems • Domestic lawn sprinkler systems • Jet well installations • Gas transmission • Conveying acids and alkalis in the chemical industry • Water distribution on farms and ranches • Commercial air conditioning and refrigerating systems

A WORKHORSE OF A PIPE WITH YEAR-AFTER-YEAR DURABILITY



"K&M" ABS Plastic Pipe is non-corrosive and non-electrolytic . . . no rotting or rusting. Its high tensile and impact strength give it excellent service characteristics. And, it doesn't contaminate fluids or gases by imparting a flavor or odor. Fully NSF approved for carrying potable water, "K&M" ABS pipe is guaranteed non-toxic and free of defects.

CHEMICAL RESISTANCE



ABS Plastic Pipe has been tested for resistance to chemicals and was relatively unaffected by exposure to the following chemicals at 74°F. Hydrofluoric Acid, Hydrochloric Acid 38%, Acetic Acid 10%, Sulfuric Acid 50%, Phosphoric Acid 85%, Nitric Acid 10%, Caustic Soda 10%, Ammonium Hydroxide 28%, Sodium Carbonate 10%, Ferric Sulphate 10%, Ammonium Chloride, Copper Sulphate, Sodium Chloride, Sodium Bisulfite, Ferric Chloride Food Acids, Chlorine (in water), Castor Oil, Bleach Solution, Oleic Acid.

chemically resistant as it is versatile!

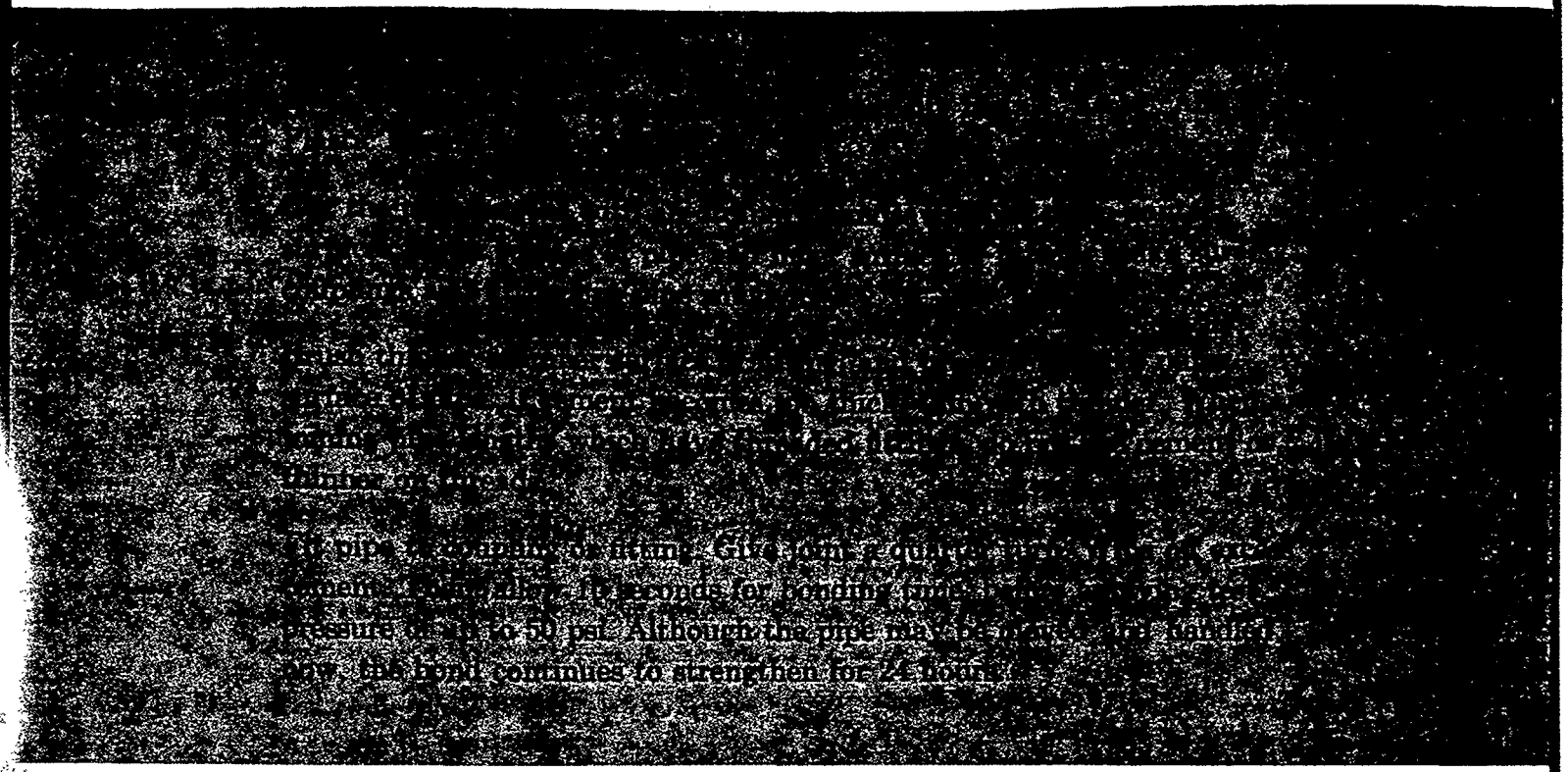
PHYSICAL PROPERTIES OF "K&M" **ABS** PLASTIC PIPE*

Specific gravity
Tensile strength @ 73.4°F. A.S.T.M. D-638-58T
Flexural strength psi @ 73°F. A.S.T.M. D-790-58T
Compressive strength psi A.S.T.M. D-695-54
IZOD Impact Ft. Lbs./inch of notch @ 73°F. A.S.T.M. D-256-56
IZOD Impact Ft. Lbs./inch of notch @ 32°F. A.S.T.M. D-256-56
Charpy unnotched, 73°F. Ft. Lbs./inch D-256-56
Thermal Conductivity B.T.U./hr./sq. ft. per °F./in. A.S.T.M. C-177-45
Heat distortion temp. °F. @ 264 psi A.S.T.M. D-648-45T
Specific heat B.T.U./lb./°F.
Flexural modulus psi @ 73.4° A.S.T.M. D-790-58T
Water absorption 24 hrs. % gained A.S.T.M. D-570-54T
Hardness—Rockwell scale
Thermal Coefficient of Expansion. Inches/inch/°C. A.S.T.M. D-696-44

*Values are approximate depending on whether Type I or Type II material is used.



K·M ABS PLASTIC PIPE MINIMIZES INSTALLATION TIME AND COSTS



THERE'S A COMPLETE LINE OF FITTINGS



KEASBEY & MATTISON Company • Ambler • Pennsylvania

AP-(PL)-3 15M-10-59

COPY FORM	INITIALS	DATE

BOX NUMBER	SEGMENT NO.	REQUESTING PARTY
04-1950		

NOTES

Australian Blue

1964