

# Durastatic Anti-Static Abrasion Resistant Piping System By Creative Urethanes.

## INTRODUCTION

Originally introduced to the International market place as "Slurry Pipe", **Durastatic Pipe** has found rapidly expanding applications in many types of viscous fluids and particulate transportation systems. It is specifically designed for environments where abrasion and/or corrosion make other alternatives uneconomical from a maintenance perspective. In addition, superior flow rates and ease of installation can provide operational and installation savings.

Manufactured using engineering grade urethane polymers produced by COIM, the 50 PSI **Durastatic System** has an unmatched record for quality and dependability. Specific design features associated with **Durastatic Pipe** are:

### • ABRASION RESISTANCE

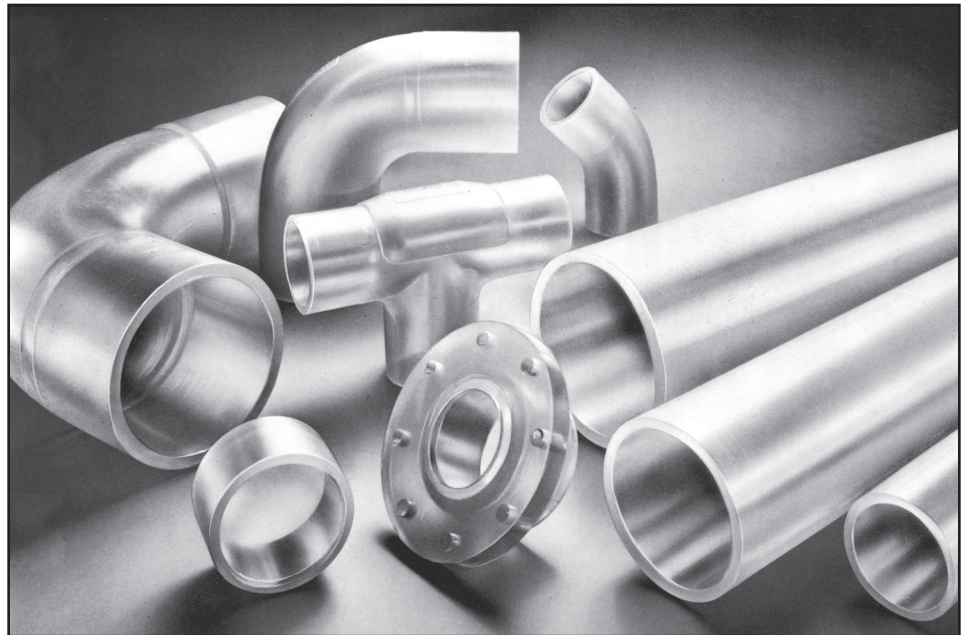
Based on ASTM wet sand test, **Durastatic Pipe** has a rating 12 times better than carbon steel and 15 times better than polyethylene.

### • ANTI-STATIC PIPING

**Durastatic Pipe** has been reformulated to resolve previous issues with static build up common to pneumatically conveyed dry media.

### • FLOW RATE

**Durastatic Piping** has a minimum of 25% less resistance to flow than steel which may allow for the use of smaller cross sections and less costly pumping equipment.



### • MAINTENANCE/INSTALLATION

Light weight **Durastatic Pipe** can be easily fabricated using generally available connectors or adhesives. Standard **Durastatic Piping** system is translucent in color which allows for visual inspection of the piping system.

### • OPERATING PARAMETERS

Maximum Temperature - 150°F/66°C

Coefficient of Thermal Expansion

+32° → +75° = .95 x 10<sup>-4</sup> in./in./°F

Durometer, Shore A 93

100% Modulus 1600 PSI

Tensile - 6000 PSI

Elongation - 400%

### • APPLICATIONS:

Incinerated Waste

Coal Slurry

Ore Separation Systems

Sand / Grit Blast Return Lines

Sand / Polymer / Grain Conveying Systems

Power Plant Scrubber Systems

**Durable Urethane**  
**DURASTATIC**  
Anti-Static Piping System



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