ASAHI/AMERICA®
Your Experts in Plastics™

BUILDING SERVICES PIPING SYSTEMS

Asahitec™ & Air-Pro®

Asahi/America's Building Services piping systems are designed for the toughest commercial applications and provide corrosion resistance, enhanced mechanical performance and lightweight, easy installation. We feature the Asahitec™ PP-RCT piping system for plumbing and hydronic applications, and the Air-Pro® PE piping system, which is specifically formulated for compressed air use, and meets the Cal/OSHA requirements for compressed air applications.

Asahitec™

PP-RCT PLUMBING AND HVAC PIPING SYSTEMS

PP-RCT is the latest advancement in polypropylene polymers and has a wide range of benefits for commercial plumbing and hydronic systems. It has a more complex crystalline structure that provides greater pressure capabilities at higher temperatures than conventional PP materials.

FEATURES AND BENEFITS

- Pipe sizes from 1/2" - 20" (20 - 500mm)
- Socket fusion from 1/2" - 5" (20 - 125mm)
- Molded butt fusion fittings from 6" - 20" (160 - 500mm)
- NSF 14-pw certified for potable water applications
- Lead-free brass adapter fittings
- 30 Year Warranty
- Can operate at 100 PSIG @ 180° F for 25 years
- Fast delivery
- Will not rust, scale, pit or corrode
- High pump efficiency
- No maintenance
- Lightweight, cost effective and labor saving
  It's 20 - 50% faster to install than welded steel
- Valves: ball, butterfly, diaphragm, gate styles and more
- Full fleet of socket and butt fusion tools available to rent, rent-to-own or purchase
- Factory welder training and certification

CERTIFICATIONS

Certified to:

- ASTM F2389 – Standard PP Specification
- ASTM F2023 – Oxidative Resistance Test
- NSF/ANSI-14 – Plastic Piping Systems
- NSF/ANSI-61 – Drinking Water System Components
- Uniform Plumbing Code – (F2389)
- Uniform Mechanical Code – (F2389)
- CSA B137.11 – Standard Canadian PP Specification

In compliance with:

- ASME B31.3 (Process Piping)
- ASME B31.9 (Building Services Piping)

ASTM INTERNATIONAL

CSA Group

NSF pw C US

30 YEAR WARRANTY 30 YEAR Asahitec PP-RCT

ASAHI/AMERICA INC.
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Lawrence, MA 01843
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800-343-3618

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BUILDING SERVICES PIPING

AIR-PRO®
Thermoplastic Compressed Air Piping System
by ASAHI/AMERICA

AIR-PRO® COMPRESSED AIR PIPING SYSTEM

Air-Pro® piping systems have been installed with confidence for almost 30 years in industries as vast as airplane manufacturing, power plants and railroad yards. Air-Pro® revolutionized the use of thermoplastics for air transport.

The specially formulated polyethylene (PE) resin is resistant to all synthetic and mineral oils found in compressor lubricants, which corrode metals and attack solvent cements used to join ABS piping.

The chemical resistance of Air-Pro® provides superior protection against acids, alkalis and hydrocarbons. Additionally, humidity that often forms in compressed air systems, which can cause problems in metallic piping, has no impact on Air-Pro®.

FEATURES AND BENEFITS

- Specifically designed for compressed air and gas service
- Excellent chemical resistance - ideal for installation in corrosive and marine environments
- Increased compressor efficiency due to low friction (Hazen & Williams C factor of 150)
- Primary methods of installation are via socket, butt and electro-fusion joining
- High pressure capacity: rated for 230 PSIG @ 73° F and 150 PSIG @ 140° F
- Thermal fusion is more reliable than welded, soldered, or mechanical joints
- Lightweight materials reduce transportation costs
- Wide temperature range: 14° F - 140° F
- Resistant to all synthetic and mineral-based compressor lubricants including:
  - Polyalpha-olefin (POA)
  - Polyol-ester (POE)
  - Diesters
- Meets Cal/OSHA requirements for safe transport of compressed air
- Suitable for above ground and direct-burial installations
- Designed for minimum expected useful life > 50 years

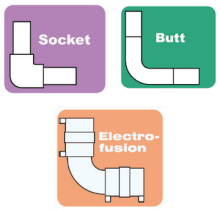
SUPPLY RANGE

Pipe and Fittings
- 20 - 110mm (1/2" - 4") SDR7, 230psi
- 160 - 315mm (6" - 12") SDR11,150psi

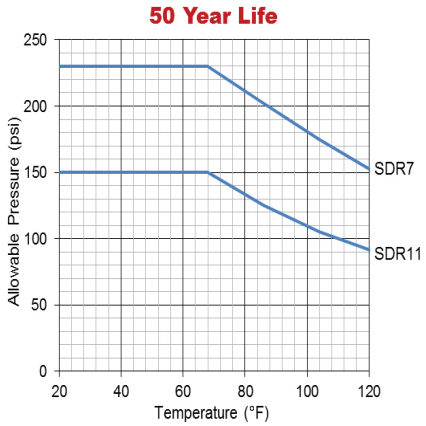
Valves
- Ball valves
- Tapping saddles

Seals and O-rings
- FKM

Welding



PRESSURE RATING



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