Industrial Seamless & Welded Piping Catalog

BRONZE FARTAK INDUSTRIAL VALVE & PIPING SOLUTIONS

DOC CODE: CAT-BF-PIP-01 | CATEGORY: Product Catalog - Piping | DATE: OCTOBER 2026

Design Standard: ASME B36.10M / ASME B36.19M / ASTM B466

Quality Verification: Certified 100% Hydrostatic & Pneumatic Tested under API 598 / ISO 5208

1. OVERVIEW & SCOPE

Engineering specifications for Bronze Fartak Copper-Nickel, Bronze, and Stainless Steel industrial pipes for offshore and chemical processes.

2. TECHNICAL SPECIFICATIONS & DESIGN PARAMETERS

PARAMETER / CHARACTERISTIC	ENGINEERING VALUE / STANDARD RATING
Standard Sizes	1/2 inch to 28 inch Nominal Pipe Size (NPS)
Wall Thickness	SCH 10S, 40S, 80S, 160, XXS
Alloys Available	CuNi 90/10, CuNi 70/30, Bronze C95400, TP316L
Manufacturing	Cold Drawn Seamless (SMLS) & Submerged Arc Welded
Length Options	Single Random (5-7m), Double Random (11-13m)
Hydrostatic Test	100% Mill Tested up to 350 Bar Pressure

3. QUALITY ASSURANCE & INSPECTION CRITERIA

[+] Biofouling Resistance

Natural copper ion release prevents barnacle and algae attachment in seawater pipelines.

[+] High Thermal Conductivity

Ideal for heat exchangers, condensors, and cryogenic LNG process circuits.

[+] Uniform Wall Concentricity

Strict dimensional tolerances comply with Class 1 offshore pipeline standards.