



ROBAR'S STANDARD MATERIAL SPECIFICATIONS

Cast

Gray Iron	ASTM A48 Grade 30
Ductile Iron	ASTM A536-80 (65-45-12)
Bronze	ASTM B62 (85-5-5-5) & AWWA C-800
Stainless Steel	ASTM A743-70 Grade CF-8 (T304) ASTM A743-70 Grade CF-8M

Fabricated

Stainless Steel	ASTM A743-70 Grade CF-8 (T304) ASTM A743-70 Grade CF-8M
Mild Steel	ASTM A36 & ASTM A-7
Bronze	ASTM B53-46 Alloy A

Rubber

SBR (BUNA S)	AWWA C111, ANSI 21.11 ASTM D2000 80 M 4AA 809
NBR (BUNA N)	ASTM D2000 BA 508
Neoprene	ASTM D2000
EPDM	ASTM D2000
Viton	ASTM D1418

Fasteners

Alloy Steel	AWWA C111 & AISI 140 (HSLA)
Steel	ASTM A320 Grade B8
Stainless Steel	ASTM A743-70 Grade CF-8 (T304) ASTM A-70 Grade CF 8M
Bronze	ASTM A98 Alloy B
Cast Iron	AWWA C111
Zinc plating	AISI 40
Anodes	ASTM B418 Type II

Coatings

Epoxy fusion bond	Corrosion Protective Epoxy Coating (AWWA C213-79)
Epoxy coal tar	AWWA C210-78

Couplings	AWWA C219-91
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AISI	American Industrial Standards Institute.
ANSI	American National Standards Institute.
ASTM	American Society for Testing and Materials, Philadelphia, PA.
AWWA	American Water Works Association, Denver, CO.

*Note: Products can be made to customer specifications; call **ROBAR**.*

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