



MAJOR VALVE MATERIAL GROUPS

FORGED

A105
A350 LF2

CAST

CARBON STEEL

A216 WCB/WCC
A352 LCB/LCC

ALLOY STEEL

A350 LF3
A182 F5a
A182 F9
A182 F11
A182 F22
A182 F91

A352 LC3
A217 C5
A217 C12
A217 WC6
A217 WC9
A217 C12A

AUSTENITIC STAINLESS STEEL

A182 F304/F304L
A182 F316/F316L
A182 F321
A182 F347
A182 F44 (6MO)
A182 F20* (ALLOY 20)

A351 CF8/CF3
A351 CF8M/CF3M

A351 CF8C
CK3MCuN
A351 CN7M

FERRITIC-AUSTENITIC STAINLESS STEEL

A182 F51 - UNS S31803† (DUPLEX S.S.)
A182 F53 - UNS S32750 (SUPER DUPLEX S.S.)
A182 F55 - UNS S32760 (SUPER DUPLEX S.S.)

A995* GR.4A/A351 CD3MN
A995* GR.5A/A351 CE3MN
A995* CD3MWCuN/A995 GR.6A

NICKEL ALLOY

ASTM B564 N08825 - UNS N08825 - INCONEL 825
ASTM B564 N06600 - UNS N06600 - INCONEL 600
ASTM B564 N06625 - UNS N06625 - INCONEL 625
ASTM B564 N04400 - UNS N04400 - MONEL 400

A484 CU5MCuC*
A494 CY40*
A494 CW6MC*
A494 M35-1

TITANIUM

B381 GR.F2
B381 GR.F3

B367 GR.C2
B367 GR.C3

† Grade UNS31803 now supplemented by UNS32205.