

HASTELLOY® B-3® alloy

Specifications and Codes

Specifications

HASTELLOY® B-3® alloy (N10675, W80675)	
Sheet, Plate & Strip	SB 333/B 333 P= 44
Billet, Rod & Bar	SB 335/B 335 P= 44
Coated Electrodes	SFA 5.11/ A5.11 (ENiMo-10) F= 44
Bare Welding Rods & Wire	SFA 5.14/ A5.14 (ERNiMo-10) F= 44
Seamless Pipe & Tube	SB 622/B 622 P= 44
Welded Pipe & Tube	SB 619/B 619 P= 44
Fittings	SB 366/B 366 P= 44
Forgings	SB 564/B 564 P= 44
DIN	17744 No. 2.4600 NiMo29Cr
TÜV	Werkstoffblatt 517 Kennblatt 7615.00 Kennblatt 7616.00 Kennblatt 7617.00
Others	-

Codes

HASTELLOY® B-3® alloy (N10675, W80675)			
ASME	Section I	-	
	Section III	Class 1	-
		Class 2	-
		Class 3	800°F (427°C) ¹
	Section VIII	Div. 1	800°F (427°C) ¹
		Div. 2	-
	Section XII	650°F (343°C) ²	
	B16.5	800°F (427°C) ³	
	B16.34	800°F (427°C) ⁴	
	B31.1	-	
B31.3	800°F (427°C) ⁵		
VdTÜV (doc #)	752°F (400°C) ⁶ , #517		

¹Plate, Sheet, Bar, Forgings, welded pipe/tube, seamless pipe/tube

²Plate, Sheet, Bar, Forgings, fittings, welded pipe/tube

³Plate, Forgings, fittings

⁴Plate, Bar, Forgings, seamless pipe/tube

⁵Plate, Sheet, Bar, fittings, welded pipe/tube, seamless pipe/tube

⁶Plate, Sheet, Bar, Forgings