

C&N Industrial Group limited

inquiry to bill@cnpipelinefitting.com

HASTELLOY C-276, ALLOY C-276, WNR 2.4819, UNS N10276

Products Available in forms :

We are the HASTELLOY C-276, ALLOY C-276, WNR 2.4819, UNS N10276 Flange manufacturer.

ASTM B 564 HASTELLOY C-276, ALLOY C-276, WNR 2.4819, UNS N10276 Welding Neck Flange(WNF)

ASTM B 564 HASTELLOY C-276, ALLOY C-276, WNR 2.4819, UNS N10276 Slip on Flange(SOF)

ASTM B 564 HASTELLOY C-276, ALLOY C-276, WNR 2.4819, UNS N10276 Lap Joint Flange

ASTM B 564 HASTELLOY C-276, ALLOY C-276, WNR 2.4819, UNS N10276 Blind Flange

ASTM B 564 HASTELLOY C-276, ALLOY C-276, WNR 2.4819, UNS N10276 Socket Welding Flange (SWF)

ASTM B 564 HASTELLOY C-276, ALLOY C-276, WNR 2.4819, UNS N10276 Threaded Flange(THW)

ASTM B 564 HASTELLOY C-276, ALLOY C-276, WNR 2.4819, UNS N10276 Orifice Flange

Chemical Composition

	Hastelloy C-276	Alloy C-276	WNR 2.4819	UNS N10276
Carbon	0.01 max	0.01 max	0.01 max	0.01 max
Manganese	1.00 max	1.00 max	1.00 max	1.00 max
Phosphorus	0.04 max	0.04 max	0.04 max	0.04 max
Sulfur	0.03 max	0.03 max	0.03 max	0.03 max
Silicon	0.08 max	0.08 max	0.08 max	0.08 max
Molybdenum	15.0-17.0	15.0-17.0	15.0-17.0	15.0-17.0
Chromium	14.5-16.5	14.5-16.5	14.5-16.5	14.5-16.5
Iron	4.0-7.0	4.0-7.0	4.0-7.0	4.0-7.0
Tungsten	3.0-4.5	3.0-4.5	3.0-4.5	3.0-4.5
Cobalt	2.5max	2.5max	2.5max	2.5max
Vanadium	0.35max	0.35max	0.35max	0.35max
Nickel	Rem	Rem	Rem	Rem

Mechanical Properties

	Hastelloy C-276	Alloy C-276	WNR 2.4819	UNS N10276
Ultimate Tensile Strength, ksi	105.4 min	105.4 min	105.4 min	105.4 min
0.2% Offset Yield Strength, ksi	45.4 min	45.4 min	45.4 min	45.4 min
Elongation in 2 inches, %	70 max	70 max	70 max	70 max
Reduction in Area, %	-	-	-	-
Hardness, Rockwell B	92 max	92 max	92 max	92 max

SPECIFICATIONS	ASTM	ASME
Rod, Bar, Wire and Forging Stock	B462, B564, B574	SB462, SB564, SB574
Plate, Sheet and Strip	B575, B906	SB575, SB906
Pipe and Tube	B622, B829, B626, B751, B619, B775	B622, B829, B626, B751, B619, B775
Others	B366	SB366