



Hastelloy* C-276



Introducing Hastelloy* C-276

Alloy C-276 is a versatile corrosion resistant wrought alloy made mostly of nickel molybdenum & chromium. This alloy offers excellent resistance to localised corrosion and to both reducing and oxidizing media.

*Trade name of Haynes International

Grade Names	
Grade	Alloy C-276
Werkst.	2.4819
UNS	N10276
AWS	054

Applicable Standards	
ASTM	B574
ASTM	B619
ISO	15156-3
NACE	MR 0175

Chemical Analysis												
	C	Mn	Si	P	S	Cr	Co	Mo	Fe	Ni	V	W
Min %	-	-	-	-	-	14.5	-	15	4.0	-	-	3
Max %	0.01	1.0	0.08	0.04	0.03	16	2.5	17	7.0	Bal.	0.35	4.5

Tensile Strengths	
Condition	Tensile
Annealed	850 – 1050 N/mm ²
Spring Temper	1300 – 1600 N/mm ²

Available in	
Round Wire	0.08 mm (0.00315") to 12.00 mm (0.472" dia.)
Profile Wire	Up to 45 mm ² area in any shape

Packaging	
Spools	To customers requirements
Coils	0.50 kg coils through to 100+
Cut Lengths	10 mm to 10 metres

Typical Applications

- + Waste Treatment
- + Gas Treatment
- + Chemical Processing
- + Pollution Control
- + Heat Exchangers

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