

2.4856

Material No.	2.4856
EN symbol (short)	NiCr22Mo9Nb
AISI/SAE	—
UNS	N 06625
AFNOR	NC 22 D Nb
BS	NA21
alloy	alloy 625
Registered work's labelen	Inconel® alloy 625, Nicrofer ® 6020 hMo
Standards	—

DESCRIPTION

Our product range in 2.4856 (alloy 625) are tubes and pipes, fittings and flanges, accessories.

CHEMICAL COMPOSITION ¹

C %	Si ≤ %	Mn ≤ %	P ≤ %	S ≤ %	Ti ≤ %	Cr %	Mo ≤ %	Ni ≥ %
0,03-0,10	0,5	0,5	0,020	0,015	0,40	20,0-23,0	8,0-10,0	58
Cu ≤ %	Nb %	Al ≤ %	Fe ≤ %					
0,5	3,15-4,15	0,4	5,0					

¹ in accordance with Key to Steel 2001

SPECIAL CHARACTERISTICS

Temperature range	Density kg/dm ³	Hardness (HB)
good toughness over 850°C	8,5	

WELDING FILLER

covered rod electrode 2.4621

MAIN FIELDS OF APPLICATION (depending on the specific conditions of use)

offshore technology, sea water resistant, chemical industry, production of phosphate acid, flue gas desulphurating plants
waste incineration plants

(all aforementioned specifications serve as a general orientation and have to be reviewed depending on the specific conditions of use)