

2.4660

Material No.	2.4660
EN symbol (short)	NiCr20CuMo
AISI /SAE	—
UNS	N 08020
AFNOR	—
B.S.	—
alloy	alloy 20
Registered work's label	Nicrofer® 3620Nb
Standards	—

DESCRIPTION:

Material 2.4660 (alloy 20) is a high-corrosion resistant alloy, which shows very good resistance to phosphoric acid, nitric acid, sulfuric acid in chloric media. 2.4660 (alloy 20) is chiefly used in the chemical industry, apparatus engineering and heat exchangers.

Our product range in 2.4660 (alloy 20) are tubes and pipes, fittings and flanges, accessories.

CHEMICAL COMPOSITION ¹

C ≤ %	Si ≤ %	Mn ≤ %	P ≤ %	S ≤ %	Cr %	Mo %	Ni %	V %
0,07	1,0	2,0	0,025	0,015	19,0-21,0	2,0 -3,0	32,0-38,0	
Nb %	Ti ≤ %	Al %	Co ≤ %	Cu ≤ %	N %	Fe ≤ %	Ce %	Y ≤ %
>=8xC ≤ 1,0 ²			1,5	3,0-4,0		rest		

¹ in accordance with Key to Steel 2001 ² Nb+Ta

SPECIAL CHARACTERISTICS

Temperature range	Density kg/dm ³	Hardness
typically up to 500°C	8,08	

WELDING FILLER

Electrode 2.4609

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

chemical industry, phosphoric acid, sulphuric acid, hydrofluoric acid, heat exchangers, apparatus engineering, food industry
(all aforementioned specifications serve as a general orientation and have to be reviewed depending on the specific conditions of use)