

Temperature ranges for protective tube materials

material		Maximum working temperature in air (°C)*
name	number	
St 35.8	1.0305	520
X 6 Cr Ni Ti 18 10	1.4541	800
X 6 Cr Ni Mo Ti 17 12 2	1.4571	800
15Mo3	1.5415	520
13 Cr Mo 44	1.7335	560
X 18 Cr N 28	1.4749	1100
X 10 Cr Al 24	1.4762	1200
X 15 Cr Ni Si 25 20	1.4841	1200
Inconel 600	2.4816	1100
Ceramic C 530	-	1600
Ceramic C 610	-	1600
Ceramic C 799	-	1800

* The max. application temperature to be realized is strongly dependent among other things on the application terms