Service-to-product-family map

MANIK TRADING technical reference table

Service	Likely family	Decisive check
High-temperature carbon piping	ASTM A106 / ASME SA-106	Design code, allowable stress and corrosion
Line pipe	API 5L PSL1/PSL2	Grade, suffix, toughness and manufacture
Low temperature	ASTM A333/A333M	MDMT, impact test and heat treatment
Boiler/exchanger	A179/A192/A210/A213 or EN 10216-2	Tube vs pipe, OD x WT and metallurgy
Special corrosion/temperature	Alloy or stainless	Corrosion study and compatibility

Source / basis: ASME Codes & Standards — piping design framework