Black versus hot-dipped galvanized pipe

Surface	Characteristic	Selection note
Black	No hot-dip zinc coating	Requires suitable corrosion protection where needed
Hot-dipped galvanized	Zinc coating on inside and outside surfaces	Service temperature and fluid compatibility must be checked

Project page: https://niktrd.com/astm-a53

ASTM source / basis: ASTM International — ASTM A53/A53M-24.