Differences by product scope and service context

Comparison axis	Seamless	ERW	Decision note
Manufacturing route	No welded longitudinal seam	Strip or plate forming with longitudinal resistance welding	The route must be permitted by the product standard
Weld zone	Not present	Present and controlled to the governing specification	Weld heat treatment and NDT may be critical
Dimensional control	Depends on hot- or cold-finishing and mill control	Often provides good OD and roundness control within its production range	Comparison of actual standard and mill tolerances
Size and wall range	May offer advantages in some heavy-wall ranges	Can be efficient and economical in common production ranges	Availability is mill- and market-dependent
Testing and acceptance	Body and ends are tested to the specification	The weld zone receives additional specific controls	Method and examination coverage should be stated
Cost and lead time	Often higher in many common sizes	Usually more economical in continuous production	Price must not replace standard and quality verification

Source / basis: https://niktrd.com/seamless-vs-erw