






ER Element Selection

 <p>Cylindrical</p>	<p>Good general purpose element. Excellent mechanical strength. Excellent thermal stability. Flow shield may be required for high-velocity systems. Seal Materials: All Welded (Standard) or Glass</p>		
	Element ID	Thickness	Probe Life
	CT5	5 mil	2.5 mil
	CT10	10 mil	5 mil
	CT20	20 mil	10 mil
	CT50	50 mil	25 mil
 <p>Large Flush</p>	<p>Ideal for pigged pipelines or high-velocity systems where intrusion into the flow stream is not permitted. Preferred over the small flush due to improved thermal stability. Excellent mechanical strength. Excellent thermal stability. Seal Materials: Epoxy (Standard) or Ryton</p>		
	Element ID	Thickness	Probe Life
	FL10	10 mil	5 mil
	FL20	20 mil	10 mil
	FL40	40 mil	20 mil
 <p>Wire Loop</p>	<p>Good general purpose element. Good mechanical strength. Good thermal stability. Flow shield may be required for high-velocity systems. Seal Materials: Glass (Standard), Epoxy, or Teflon</p>		
	Element ID	Thickness	Probe Life
	WR40	40 mil	10 mil
	WR80	80 mil	20 mil
 <p>Small Flush</p>	<p>Ideal for pigged pipelines or high-velocity systems where intrusion into the flow stream is not permitted. Typically used only when access point is too small for Large Flush. Excellent mechanical strength. Good thermal stability. Seal Material: Epoxy</p>		
	Element ID	Thickness	Probe Life
	FS04	4 mil	2 mil
	FS08	8 mil	4 mil
	FS20	20 mil	10 mil
 <p>Tube Loop</p>	<p>Thinner element provides higher sensitivity but can be delicate. Typically used for low-corrosion systems. Moderate mechanical strength. Good thermal stability. Flow shield is recommended. Seal Materials: Glass (Standard), Epoxy, or Teflon</p>		
	Element ID	Thickness	Probe Life
	TU04	4 mil	2 mil
	TU08	8 mil	4 mil