

Seal-Lok Features

Feature	Advantage	Benefit
Conformance to SAE J1453 and ISO 8434-3	Versatility for end user and customer standardization efforts	Standardization reduces procurement costs.
Elastomeric seal	Tolerant of surface imperfections to provide leak-free connection	Reduces operational and maintenance costs
High pressure rating	Good for wider range of applications, providing opportunity to standardize	Standardization reduces procurement costs
No tube entry (flat-face design)	Easy and fast drop-in installation	Saves assembly and disassembly time
Captive O-ring groove (CORG)	Prevents O-ring fall-out to ensure positive and leak-free connection	Reduces operational and maintenance costs
Forged Shapes	Higher resistance to mechanical shock and vibration that can lead to leakage	Reduces operational and maintenance costs
Similar envelope size to 37° flared fitting	Minimizes re-design of hydraulic systems	Reduces re-design costs
Wide tube wall range (no wall thickness limitation for braze method; however, recommended min/max ranges are shown on page A7)	Allows for greater flexibility in design of hydraulic system	Reduces design costs
Resistance to over-torque	Minimizes damage during assembly	Reduces operational and maintenance costs
Unlimited reusability/remakeability	Extends the service life of the fitting	Reduces maintenance costs and component replacement costs.
Parflange method of assembly	Several times faster than brazing/welding	Reduces assembly cost
	No special pre- and post-braze welding cleaning	Reduces tube preparation cost
	No open flame or heat source required	Improves operator safety
	No braze joint or potential leak path	Reduces operational and maintenance costs

Table A4 — Seal-Lok Features, Advantages and Benefits

Dimensions and pressures for reference only, subject to change.