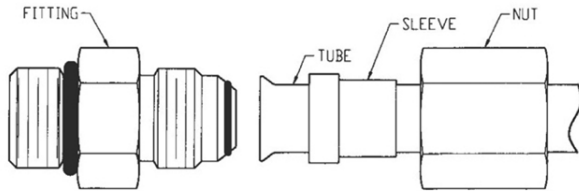
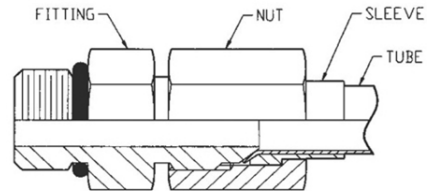


37° JIC Flare O-Ring Fittings

Components



Assembled



The 37° JIC Flare O-Ring Fitting evolved from the standard 37° SAE J514 hydraulic fitting. With the addition of an elastomeric O-Ring positioned in a strategic area of the sealing boundaries, hydraulic leaks vanish. The 37° JIC Flare O-Ring fitting is fully compatible with the traditional 37° design. No additional components are needed. Simply use the 37° JIC Flare O-Ring in place of the standard 37° flare fitting and enjoy the superior leak free benefits.

Assembly Instructions:




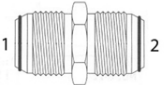
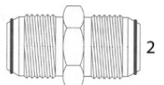
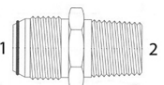
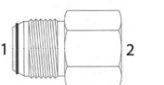



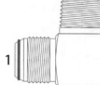
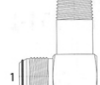
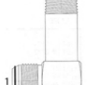


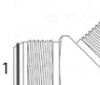
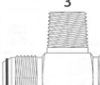

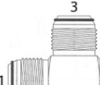

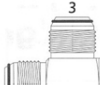

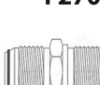


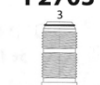



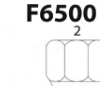






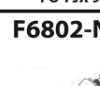
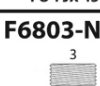
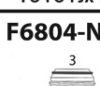
1. Inspect components for damage or contamination.
2. Install correct O-Ring in groove (if not already installed).
3. Lubricate assembly.
4. Align tube/hose to mating fitting allowing hand connection. To assure proper alignment, two to three turns of nut should be easily permitted.
5. Tighten tube nut to torque listed below.

37° JIC Flare O-Ring Torque Values

"Turns Past Hand Tight" Method			Assembly steps with a visual check
Size	Turns	lb-ft min./max.	
-02	Not Rated	-	<ol style="list-style-type: none"> 1. With the tube flared, make sure the tubing and threads are clean. 2. Install correct O-Ring in groove (if not already installed). 3. Lubricate the threads with 10W hydraulic oil. 4. Hand tighten the nut/sleeve (approx. 30 lb-in). 5. Make alignment marks on the nut and fitting. 6. Proceed to tighten to Turns or lb-ft values. 7. When fully tightened make a second set of alignment marks at the fully tightened position. <p>This completes a 37° JIC Flare O-Ring Fitting connection with visual marks for a quick reference.</p>
-03	Not Rated	-	
-04	2	7-8	
-05	2	10-12	
-06	1 1/2	14-16	
-08	1 1/2	21-24	
-10	1 1/2	28-32	
-12	1 1/4	52-56	
-14	1 1/4	60-64	
-16	1	63-72	
-20	1	84-96	
-24	1	91-104	
-32	1	210-240	

Torque values specified are for threads lubricated with 10W hydraulic oil.
Remember sizes -02 through -08 are less tolerant to over-torque abuse.
Over-torque abuse reduces the clamping force resulting in loss of seal and a reduction in flow.

37° JIC Flare O-Ring Fittings - Visual Identification Chart

<p>F0403</p>  <p>Bore-FO Straight Pg. 213</p>	<p>F0500</p>  <p>Bore-FO 90° Pg. 213</p>	<p>F0600</p>  <p>Bore-Bore-FO Pg. 213</p>	<p>F2403</p>  <p>FO-FO Straight Pg. 214</p>	<p>F2403-LH</p>  <p>FO-FO Straight Large Hex Pg. 214</p>	<p>F2404</p>  <p>FO-MP Straight Pg. 215</p>	<p>F2405</p>  <p>FO-FP Straight Pg. 216</p>
<p>F2406</p>  <p>FJ-FO Straight Reducer Pg. 217</p>	<p>F2408</p>  <p>FO Plug Pg. 217</p>	<p>F2500</p>  <p>FO-FO 90° Pg. 218</p>	<p>F2501</p>  <p>FO-MP 90° Pg. 219</p>	<p>F2501-L</p>  <p>FO-MP 90° Long Pg. 220</p>	<p>F2501-LL</p>  <p>FO-MP 90° X-Long Pg. 220</p>	<p>F2501-LLL</p>  <p>FO-MP 90° XX-Long Pg. 221</p>
<p>F2502</p>  <p>FO-FP 90° Pg. 221</p>	<p>F2503</p>  <p>FO-MP 45° Pg. 222</p>	<p>F2601</p>  <p>FO-FO-MP Tee Pg. 222</p>	<p>F2602</p>  <p>FO-FO-FP Tee Pg. 223</p>	<p>F2603</p>  <p>FO-FO-FO Tee Pg. 223</p>	<p>F2605</p>  <p>FO-MP-FO Tee Pg. 224</p>	<p>F2606</p>  <p>FO-FP-FO Tee Pg. 224</p>
<p>F2650</p>  <p>FO-FO-FO-FO Cross Pg. 225</p>	<p>F2700</p>  <p>FO-FO Bulkhead Straight Pg. 225</p>	<p>F2701</p>  <p>FO-FO Bulkhead 90° Pg. 226</p>	<p>F2702</p>  <p>FO-FO Bulkhead 45° Pg. 226</p>	<p>F2703</p>  <p>FO-FO-FO Bulkhead Tee Pg. 227</p>	<p>F2706</p>  <p>MP-FO Bulkhead Straight Pg. 227</p>	<p>F6400-O</p>  <p>FO-MB Straight Pg. 228</p>
<p>F6400-L-O</p>  <p>FO-MB Straight Long Pg. 229</p>	<p>F6500</p>  <p>FO-FJX 90° Pg. 229</p>	<p>F6502</p>  <p>FO-FJX 45° Pg. 229</p>	<p>F6600</p>  <p>FO-FO-FJX Tee Pg. 230</p>	<p>F6602</p>  <p>FO-FJX-FO Tee Pg. 230</p>	<p>F6801-NWO</p>  <p>FO-MB 90° Pg. 231</p>	<p>F6801-L-NWO</p>  <p>FO-MB 90° Long Pg. 232</p>
<p>F6801-LL-NWO</p>  <p>FO-MB 90° X-Long Pg. 232</p>	<p>F6802-NWO</p>  <p>FO-MB 45° Pg. 233</p>	<p>F6803-NWO</p>  <p>FO-FO-MB Tee Pg. 233</p>	<p>F6804-NWO</p>  <p>FO-MB-FO Tee Pg. 234</p>			