

DWG. No.:

SI 27

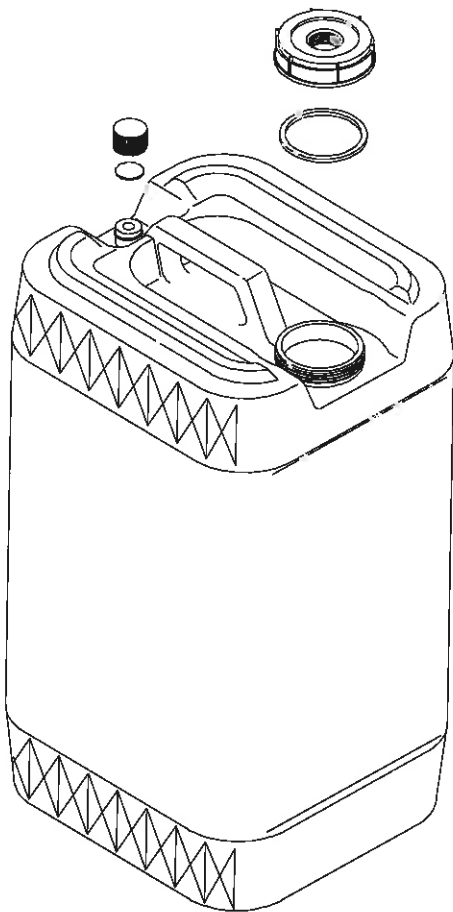
U/N Rating: 3H1/Y1.8/100

DWG. Date: 10/3/05 Rev. A

**SECTIONS II & V: PACKAGING DESCRIPTION / COMPONENT DRAWINGS**

**SI 27-70NT NAVE - 27 Liter HDPE (1400 Gram) Jerrican with Rieke FS-70 Closure**

**ASSEMBLY DRAWING**



**TEST LEVELS**

Certification Type:	Periodic Retest
Packaging Code Designation:	3H1
Packing Group:	II
Specific Gravity:	1.8
Hydrostatic Pressure:	100 kPa & 150 kPa

**TEST SAMPLE PREPARATION**  
(Refer to Section IV)

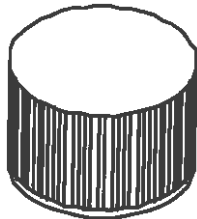
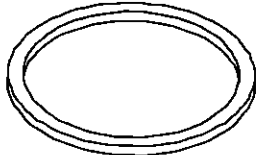
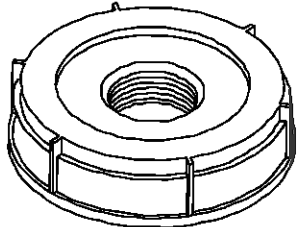
Overall Packaging Tare Weight:	1.6 Kg	
Fill Capacity (98% Maximum Capacity):		
Methanol/Water	27.4 Kg	
Water	28.6 Kg	
Package Test Weight:		
Methanol/Water	29.1 Kg	(64.0 Lbs.)
Water	30.2 Kg	(66.6 Lbs.)

**CLOSING METHODS**

<b>70 mm Cap:</b>		
Application Torque:	144 In-Lbs	
Equipment:	Torque Wrench #739	
<b>22 mm Vent Access Cap:</b>		
Application Torque:	14 In-Lbs	
Equipment:	Torque Wrench #739	

**COMPONENT INFORMATION**

70 mm CLOSURE (Dwg # FS-70)		Drawing
<b>Manufacturer: Rieke Corporation, Auburn IN</b>		
<b>Design:</b>	2" Buttress Threaded Closure with 3/4" Center Reducer	
<b>Number/Location:</b>	1 / Refer to drawing for location	
<b>Material:</b>	High Density Polyethylene	
<b>Density:</b>	0.933 g/cc	
<b>Tare Weight:</b>	25.6 Grams	
<b>Overall Dimensions:</b>		
• Height	0.74 (Max.)	
• Diameter	3.28" (Max. O.D.)	
<b>Thread:</b>		
• Type	70mm	
• Style	Buttress	
<b>Finish Dimensions:</b>		
• T	2.767 (Min.)	
• E	2.659 (Max.) / 2.613 (Min)	
• Thread Pitch	0.125" (8 TPI)	
<b>Markings (QC Audit):</b>	Rieke® 29	
<b>GASKET</b>		
<b>Description:</b>	White EPDM Gasket	
<b>Tare Weight:</b>	2.8 Grams	
<b>Thickness:</b>	0.120"	
<b>Diameter:</b>	2.58"	
<b>22 mm VENT ACCESS CLOSURE</b>		
<b>Manufacturer: Berry Plastics, Evansville IN</b>		
<b>Description:</b>	22 mm Threaded Closure	
<b>Number/Location:</b>	1 / Refer to Drawing for Location	
<b>Material:</b>	Polypropylene	
<b>Density:</b>	0.889 g/cc	
<b>Tare Weight:</b>	1.6 Grams	
<b>Overall Dimensions:</b>		
• Height	0.415"	
• Diameter	0.995"	
<b>Thread:</b>		
• Type	22mm	
• Style	400	
<b>Finish Dimensions:</b>		
• T	0.882"	
• E	0.789"	
<b>Markings (QC Audit):</b>	39	
<b>LINER</b>		
<b>Description:</b>	F217 PE Foam Liner, Glued In	
<b>Tare Weight:</b>	0.15 Grams	
<b>Thickness:</b>	0.030"	
<b>Diameter:</b>	0.760"	



JERRICAN		Drawing
<b>Manufacturer: KLW Plastics, 980 Deneen Ave., Monroe OH 45050</b>		
<b>Description:</b>	27 Liter (7 Gallon) Jerrican	
<b>Material:</b>	High Density Polyethylene, Novacore HBW555A	
<b>Method of Mfgr:</b>	Blow Molded	
<b>Density:</b>	0.943 g/cc	
<b>Tare Weight:</b>	1,400 Grams ± 25 Grams	
<b>Capacity:</b>		
• <b>Rated</b>	27.0 Liters	
• <b>Overflow</b>	28.9 Liters	
<b>Overall Dimensions:</b>		
• <b>Length</b>	11.000"	
• <b>Width</b>	10.750"	
• <b>Height</b>	19.125"	
<b>70mm Opening Finish Dimensions:</b>		
• <b>T</b>	2.759"	
• <b>E</b>	2.567"	
• <b>Height</b>	0.728"	
• <b>Thread Pitch</b>	0.1242"	
<b>22mm Vent Access Finish Dimensions:</b>		
• <b>T</b>	0.847"	
• <b>E</b>	0.763"	
• <b>Height</b>	0.532"	
• <b>Thread Pitch</b>	0.1159"	
<b>Wall Thickness (Refer to Wall Profile):</b>		
• <b>Sidewall, Bottom, Top</b>	1.2mm	<b>See Wall Profile on Following Page</b>
• <b>Corners</b>	1.6mm	
<b>Integrated Recessed Handle:</b>		
<b>Material:</b>	High Density Polyethylene	
<b>Number/Location:</b>	1	
<b>Location:</b>	Refer to Drawing	
<b>Markings (QC Audit):</b>	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; margin-right: 5px;">u n</div> <div> <p>3H1/ Y1.8/ 100/10 U.S.A./ +AA4824</p> <p>KLW 3      02/05/10      1:45:36 PM Machine 2      SPI "2" HDPE Recycling Symbol</p> </div> </div>	

