

TOV ® Plugs ~ 3/4" Plastic & Steel Round Small Shoulder Plugs							
Standard Small Shoulder Round Type Plugs				Revision:	G		
PPA-31	Plastic TOV Plug	T200	Steel Round Shoulder TOV Type	Approved By:			
PPN-31	Plastic TOV Plug			Effective Date:	December 4, 2003		
PPN-32	Plastic TOV Plug						
					Steel plugs only		
Gasket				Recommended	Oven (Max)		
Number	Material		Identification	Plug Type(s)	Torque (ft-lbs)	Temp (F)	Time (minutes)
	Type	Color	Marks				
GT041	Buna-N	Black	1 or 2 Red Stripes on OD	T-200, PPN-31, & PPN-32	9	450	15
GT041W	Buna-N	White	1 or 2 Red Stripes on OD		9	450	15
GT061W	Neoprene	Gray	(use material color)		9	120	-
GT071-3	Irradiated L.D. Polyethylene	Gray	(use material color)		15	350	12
GT091W	E.P.T. / EPDM	White	1 or 2 Yellow or Black Stripes on OD		9	470	15
ANY	PPA-31-19-xxx HDPE PLUG TORQUE IS			PPA-31-19-XXX	4	120	-
ANY	PPA-31-xxx POLYPROPYLENE PLUG TORQUE IS			PPA-31-XXX	5	120	-
Note: PPA-31, PPN-31, & PPN-32 plugs must not be exposed to oven temperature conditions							
Note: Gasket and Plastic compatibility testing is recommended							

TOV ® Plugs ~ 2" Plastic & Steel Round Small Shoulder Plugs							
Standard Small Shoulder Round Type Plugs				Revision:		G	
PPN-71	Plastic TOV Type			Approved By:			
T250	Steel Round Shoulder TOV Type			Effective Date:		December 4, 2003	
						Steel plugs only	
Gasket				Recommended		Oven (Max)	
Number	Material		Identification	Plug Type(s)	Torque (ft-lbs)	Temp (F)	Time (minutes)
	Type	Color	Marks				
GT043	Buna-N	Black	1 or 2 Red Stripes on OD	T250 & PPN-71	20	450	15
GT043W	Buna-N	White	1 or 2 Red Stripes on OD		20	450	15
GT063W	Neoprene	Gray	(use material color)		20	120	-
GT073-3	Irradiated L.D. Polyethylene	Gray	(use material color)		30	470	15
GT093W	E.P.T. / EPDM	White	1 or 2 Yellow or Black Stripes on OD		20	470	15
PPA-71-19-XXX	PPA 2" HDPE PLUG,,,,, TORQUE ALL GASKETS			PPA-71-19-XXX	10		
PPA-71-XXX	PPA 2" POLYPROPYLENE PLUG,,,,, TORQUE ALL GASKETS			PPA-71-XXX	10		
Note: PPN-71 plugs must not be exposed to oven temperature conditions							
Note: Gasket and Plastic compatibility testing is recommended							

RIEKE ® ~ 3/4" Steel Plugs							
<b>Standard Plugs</b>				Revision: G			
S-200	Hexagon Type Plug			Approved By:			
				Effective Date:		December 4, 2003	
<b>Gasket</b>				<b>Recommended</b>		<b>Oven (Max)</b>	
<b>Material</b>		<b>Identification</b>		<b>Torque</b>		<b>Temp</b>	
<b>Number</b>	<b>Type</b>	<b>Color</b>	<b>Marks</b>	<b>Plug Type</b>	<b>(ft-lbs)</b>	<b>(F)</b>	<b>Time (minutes)</b>
GK021	Silicone	Red	None	S-200 (hex.)	15	450	20
GK041	Buna-N	Black	Red Stripe or 1 Rib on OD	S-200	15	450	20
GK041W	Buna-N	White	Red Stripe or 1 Rib on OD	S-200	15	450	20
GK061W	Neoprene	Gray	(use material color)	S-200	15	120	-
GK071-2	L.D. Polyethylene	Natural	(use material color)	S-200	20	120	-
GK071-3	Irradiated L.D. Polyethylene	Gray	(use material color)	S-200	20	350	12
GK081W	<b>Dapon</b> ®	White	Brown Stripe on OD	S-200	15	450	20
GK091	E.P.T.	Black	Yellow Stripe on OD	S-200	15	450	20
GK091W	E.P.T.	White	Yellow Stripe on OD	S-200	15	450	20
GK111	Viton "A"	Black	Blue Stripe on OD	S-200	15	450	20
GK111-B	Viton "B"	Black	Light Green Stripe on OD	S-200	15	450	20
Note: Gasket compatibility testing is recommended							

Rieke ® ~ 2" Steel Plugs							
Standard Plugs				Revision:		G	
S-220	S-220-C	S-250		Approved By:			
S-220-2	S-220-E	S-251		Effective Date:		December 4, 2003	
S-220-2-1	S-250-TFC	S-251-TFC					
Gasket				Recommended		Oven (Max)	
Number	Material		Identification	Plug Type	Torque (ft-lbs)	Temp (F)	Time (minutes)
	Type	Color	Marks				
GK023	Silicone	Red	None	Std	30	450	20
GK043	Buna-N	Black	Red Stripe or 1 Rib on OD	Std	30	450	20
GK043W	Buna-N	White	Red Stripe or 1 Rib on OD	Std	30	450	20
GK063W	Neoprene	Gray	(use material color)	Std	30	120	-
GK073-2	L.D. Polyethylene	Natural	(use material color)	Std	40	120	-
GK073-3	Irradiated L.D. Polyethylene	Gray	(use material color)	Std	40	350	12
GK083W	<b>Dapon</b> ®	White	Brown Stripe on OD	Std	30	450	20
GK093	E.P.T.	Black	Yellow Stripe on OD	Std	30	450	20
GK093W	E.P.T.	White	Yellow Stripe on OD	Std	30	450	20
GK093WP	E.P.T. with Peroxide Cure	White	Green Stripe on OD	Std	30	450	20
GK113	Viton "A"	Black	Blue Stripe on OD	Std	30	450	20
GK113-B	Viton "B"	Black	Light Green Stripe on OD	Std	30	450	20
Note: Gasket compatibility testing is recommended							

RIEKE ® ~ 1-1/2" Steel Plugs							
<b>Standard Plugs</b>					Revision:	G	
S-210	S-210-4				Approved By:		
S-210-3					Effective Date:	December 4, 2003	
Gasket					Recommended	Oven (Max)	
Number	Material		Identification	Plug Type	Torque (ft-lbs)	Temp (F)	Time (minutes)
	Type	Color	Marks				
GK042	Buna-N	Black	Red Stripe or 1 Rib on OD	Std	30	450	20
GK072	L.D. Polyethylene	Natural	(use material color)	Std	40	120	-
GK072-3	Irradiated L.D. Polyethylene	Natural	(use material color)	Std	40	120	-
GK092	E.P.T.	Black	Yellow Stripe on OD	Std	30	450	20
GK092W	E.P.T.	White	Yellow Stripe on OD	Std	30	450	20
Note: Gasket compatibility testing is recommended							

RIEKE ® ~ FS-60, FS-70, FS-80 Screw Caps								
<b>Standard Plugs</b>					Revision:	G		
FS-60	FS-80				Approved By:			
FS-70	FS-80-T				Effective Date:	December 4, 2003		
FS-70-T								
Note: "FS" screw caps can only withstand 120 deg. F								
<b>Gasket</b>					<b>Recommended</b>	<b>Oven (Max)</b>		
<b>Number</b>	<b>Material</b>		<b>Identification</b>		<b>Torque</b>	<b>Temp</b>	<b>Time</b>	
	<b>Type</b>	<b>Color</b>	<b>Marks</b>					<b>(ft-lbs)</b>
GK028	Silicone	Red	None		Std	10	*	*
GK048W	Buna-N	White	Red Stripe or 1 Rib on OD		Std	10	*	*
GK098	E.P.T.	Black	Yellow Stripe on OD		Std	10	*	*
GK098W	E.P.T.	White	Yellow Stripe on OD		Std	10	*	*
GK118	Viton "A"	Black	Blue Stripe on OD		Std	10	*	*
* = "FS" screw caps can only withstand temperature of 120 deg. F								
Note: Gasket compatibility testing is recommended								

RIEKE ® ~ 2" Plastic Plugs							
Standard NPS Threaded Plugs				Buttress Threaded Plugs		Revision: G	
PPA-53	PPN-51		PPA-53-B-5		Approved By:		
PPA-55	PPA-57		PPA-57-B-5		Effective Date:		December 4, 2003
PPA-56	PPN-61						
Note: "PPA" plugs can only withstand 120 deg. F							
Note: "PPN-61" plugs can only withstand 140 deg. F						PPN-51 plug only	
Gasket						Recommended Oven (Max)	
Number	Material		Identification		Torque (ft-lbs)	Temp (F)	Time (minutes)
	Type	Color	Marks	Plug Type			
GK023	Silicone	Red	None	Std	20	375	12
GK043	Buna-N	Black	Red Stripe or 1 Rib on OD	Std	20	375	12
GK043W	Buna-N	White	Red Stripe or 1 Rib on OD	Std	20	375	12
GK046	Buna-N	Black	Red Stripe or 1 Rib on OD	PPA-57-B-5	20	*	*
GK046W	Buna-N	White	Red Stripe or 1 Rib on OD	PPA-57-B-5	20	*	*
GK047	Buna-N	Black	Red Stripe or 1 Rib on OD	PPA-57	20	*	*
GK047W	Buna-N	White	Red Stripe or 1 Rib on OD	PPA-57	20	*	*
GK049	Buna-N	Black	Red Stripe or 1 Rib on OD	PPA-53-B-5	20	*	*
GK049W	Buna-N	White	Red Stripe or 1 Rib on OD	PPA-53-B-5	20	*	*
GK063W	Neoprene	Gray	(use material color)	Std	20	120	-
GK073-2	L.D. Polyethylene	Natural	(use material color)	Std	** 20	120	-
GK073-3	Irradiated L.D. Polyethylene	Gray	(use material color)	Std	** 20	350	12
GK079	L.D. Polyethylene	Natural	(use material color)	PPA-53-B-5	20	*	*
GK083W	Dapon ®	White	Brown Stripe on OD	Std	20	375	12
GK093	E.P.T.	Black	Yellow Stripe on OD	Std	20	375	12
GK093W	E.P.T.	White	Yellow Stripe on OD	Std	20	375	12
GK093WP	E.P.T. with Peroxide Cure	White	Green Stripe on OD	Std	20	375	12
GK096	E.P.T.	Black	Yellow Stripe on OD	PPA-57-B-5	20	*	*
GK096W	E.P.T.	White	Yellow Stripe on OD	PPA-57-B-5	20	*	*
GK097	E.P.T.	Black	Yellow Stripe on OD	PPA-57	20	*	*
GK097W	E.P.T.	White	Yellow Stripe on OD	PPA-57	20	*	*
GK099	E.P.T.	Black	Yellow Stripe on OD	PPA-53-B-5	20	*	*
GK099W	E.P.T.	White	Yellow Stripe on OD	PPA-53-B-5	20	*	*
GK113	Viton "A"	Black	Blue Stripe on OD	Std	20	375	12
GK113-B	Viton "B"	Black	Light Green Stripe on OD	Std	20	375	12
GK116	Viton "A"	Black	Blue Stripe on OD	PPA-57-B-5	20	*	*
GK117	Viton "A"	Black	Blue Stripe on OD	PPA-57	20	*	*
GK119	Viton "A"	Black	Blue Stripe on OD	PPA-53-B-5	20	*	*
* = Plugs can only withstand temperature of 120 deg. F (Includes ALL PPA series plugs)							
** = Only recommended for use with PPN-61 plug.							
Note: Gasket and Plastic compatibility testing is recommended							
Note: PPA-57 and PPA-57-B5 plugs require special gaskets as noted in column "plug type".							

RIEKE ® ~ 3/4" Plastic Plugs							
Large Shoulder Round Plugs			Large Shoulder Hexagon Plugs -			Revision:	G
PPA-11			PPN-21			Approved By:	
PPN-11						Effective Date:	December 4, 2003
Note: "PPA" plugs can only withstand 120 deg. F						PPN -11	
Note: PPN-21 plugs can only withstand 140 deg. F						Plugs only	
Gasket					Recommended	Oven (Max)	
Number	Material		Identification		Torque (ft-lbs)	Temp (F)	Time (minutes)
	Type	Color	Marks				
GK021	Silicone	Red	None		9	375	12
GK041	Buna-N	Black	Red Stripe or 1 Rib on OD		9	375	12
GK041W	Buna-N	White	Red Stripe or 1 Rib on OD		9	375	12
GK061W	Neoprene	Gray	(use material color)		9	120	-
GK071-2	L.D. Polyethylene	Natural	(use material color)		** 9	* 120	-
GK071-3	Irradiated L.D. Polyethylene	Gray	(use material color)		** 9	350	12
GK081W	<b>Dapon</b> ®	White	Brown Stripe on OD		9	375	12
GK091	E.P.T.	Black	Yellow Stripe on OD		9	375	12
GK091W	E.P.T.	White	Yellow Stripe on OD		9	375	12
GK111	Viton "A"	Black	Blue Stripe on OD		9	375	12
GK111-B	Viton "B"	Black	Light Green Stripe on OD		9	375	12
Note: Gasket and Plastic compatibility testing is recommended							
Note: ALL PPN-XX & PPA-XX plugs must not be exposed to oven temperature conditions							
* = Gasket's maximum service temperature is 120 deg. F							
** = Only recommended for use with PPN-21 plug.							



TOV ® Flanges ~ 3/4" & 2" Steel Octagon Flanges							
<b>Standard Steel TOV Type Flanges</b>					Revision:	G	
GH4	3/4" Steel TOV Flange				Approved By:		
GH6	2" Steel TOV Flange				Effective Date:	December 4, 2003	
						Steel flanges only	
Gasket					Recommended	Oven (Max)	
	Material		Identification		Torque	Temp	Time
Number	Type	Color	Marks	Flange Type	(ft-lbs)	(F)	(minutes)
<b>3/4"</b>							
GS041	Buna-N	Black	1 or 2 Red Stripes on OD	Steel Octagon	n/a	450	15
GS091W	EPDM	White	1 or 2 Yellow or Black Stripes on OD	Steel Octagon	n/a	470	15
<b>2"</b>							
GS043	Buna-N	Black	1 or 2 Red Stripes on OD	Steel Octagon	n/a	450	15
GS093W	EPDM	White	1 or 2 Yellow or Black Stripes on OD	Steel Octagon	n/a	470	15