

ACCESSORIES FOR RELIANCE® 380PG, 480PG, 580 AND 680 SERIES PHARMACEUTICAL GRADE WASHERS

APPLICATION

These accessories are for processing glassware, metal vessels, filling machine parts and many other items used in pharmaceutical manufacturing processes. A complete range of sanitary materials handling accessories are available for use with Reliance 380PG, 480PG, 580 and 680 Series Pharmaceutical Grade Washers.

DESIGN FEATURES

The Reliance **380PG** and **580** Pharmaceutical Grade Washers accommodate three accessories per load, in any combination, to provide complete flexibility. For example, small and large glassware/metal vessels can be processed in the same load as solid items, such as filling machine parts, when using the correct combination of accessories.

The Reliance **480PG** Pharmaceutical Grade Washer is capable of processing four accessories per load, allowing for increased capacity. A combination of single, double and triple wide accessories can be used simultaneously, providing cleaning solutions for a wide range of applications.

The Reliance **680** Series Pharmaceutical Grade Washers are designed to process larger items and accept one accessory per load. A multi-accessory header is available to process smaller items in the same load as large glassware/vessels.

All accessories in contact with cleaning solutions are electro-polished and/or passivated and constructed of #316L stainless steel for corrosion resistance and easy cleaning. The lightweight design provides easy handling and the plastic wheels allow for easy rolling of accessory headers into and out of the wash chamber. Plastic tips on spindles prevent scratching and/or breakage of glassware.

Accessories attach to manifold connectors located in the bottom of the wash chamber automatically at the start of each cycle. The Reliance washer balanced spray system holds glassware in place without the need for hold-down screens, minimizing glassware breakage. All accessories in contact with cleaning solutions can be dismantled for easy cleaning, design meets cGMP requirements for drainability and sanitary design. Surface finish varies between 20 and 35 µin (0.5 and 0.9 µm).

A documentation package CD (including welding logs, surface finish report, and heat numbers) is provided for all accessories in contact with the cleaning process.

NOTE: Design is based on ASME BPE-2016 standards, according to STERIS's interpretation and when determined practical. Refer to BPE statement for details.

RELIANCE SPINDLE HEADERS (FOR 380PG, 480PG, 580 AND 680 SERIES WASHERS)

Individual spindles assure thorough cleaning inside flasks, graduated cylinders and bottles. Open bottom allows water to drain completely from inside of glassware. Overall dimensions (W x L) for all spindle headers: 12-7/8 x 24-1/2" (327 x 621 mm).

	GLASS\	WARE	SPINE	DLES			
КІТ	Maximum Diameter per Spindle in (mm)	Maximum Quantity per Load	Diameter in (mm)	Height in (mm)	WEIGHT Ib (kg)	TOTAL HEIGHT in (mm)	APPLICATION
KM-1 Kit (FD18-000)	16 (406)	1	1 (25.4)	20-7/8 (530)	15.3 (7)	22-5/16 (567)	Used to wash large glassware, up to 16" (406 mm) in diameter (or 13" [330 mm] when used side by side in 380PG washer).
KM-2 Kit (FD18-100)	11 (280)	2	3/8 (9.0)	6-1/2 (165)	12.2 (5.5)	10-7/8 (275)	Used to wash large glassware, up to 11" (280 mm) in diameter.

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RELIANCE SPINDLE HEADERS (Cont'd)

	GLASS	VARE	SPINE	DLES			
КІТ	Maximum Diameter per Spindle in (mm)	Maximum Quantity per Load	Diameter in (mm)	Height in (mm)	WEIGHT lb (kg)	TOTAL HEIGHT in (mm)	APPLICATION
KM-3 Kit (FD18-200)	8-1/4 (210)	3	3/8 (9.0)	6-1/2 (165)	12 (5.5)	10-7/8 (275)	Used to wash large glassware, up to 8-1/4" (210 mm).
KM-8 Kit (FD18-300)	5-3/4 (146)	8	3/8 (9.0)	6-1/2 (165)	15.1 (6.8)	10-7/8 (275)	Used to wash large glassware, up to 5-3/4" (146 mm) in diameter.
KM-18 Kit (FD18-400)	3-3/4 (95)	18	1/4 (6.0)	4-3/4 (121)	9.7 (4.4)	6 (153)	Refer to Glassware Processing Capacity chart on page 14. Support frame with adjustable rods and a silicone mat to protect glassware are included.
M-18 Multi-Connector Header (FD223)		18					This accessory can be customized by adding six different connectors (see below) in quantities up to 18.
	FD224 Plug 5/8" (16 mm) (\l	FD225 Nozzle Vith Silicone C 5/8" (16 mm)	Tri-Cla ap) (With S	p 226 Imp Adapto ilicone Hose " (13 mm)		1/2 - 3	amp Tri-Clamp actor Connector 3/4" 2"
KM-32 Kit (FD18-500)	2-7/8 (73)	32	1/4 (6.0)	4-3/4 (121)	11.5 (5.2)	6 (153)	Refer to Glassware Processing Capacity chart on page 14. Support frame with adjustable rods and a silicone mat to protect glassware are included.

RELIANCE SPINDLE HEADERS (Cont'd)

	GLASS	WARE	SPINE	DLES			
КІТ	Maximum Diameter per Spindle in (mm)	Maximum Quantity per Load	Diameter in (mm)	Height in (mm)	WEIGHT lb (kg)	TOTAL HEIGHT in (mm)	APPLICATION
KM-50 Kit (FD18-600)	2-1/4 (57)	50	3/16 (5.0)	3-3/8 (86)	11.8 (5.4)	6 (153)	Refer to Glassware Processing Capacity chart on page 14. Support frame with adjustable rods and a silicone mat to protect glassware are included.
KM-84 Kit (FD18-700)	1-5/8 (41)	84	3/16 (5.0)	3-3/8 (86)	14.2 (6.5)	6 (153)	Refer to Glassware Processing Capacity chart on page 14. A cover may be required for very small glassware. Support frame with adjustable rods and a silicone mat to protect glassware are included.

RELIANCE BOTTOM ROTARY SPRAY HEADER (FOR 380PG, 480PG, 580 AND 680 SERIES WASHERS)

Two spray arms, mounted at different heights, allow for free movement of rotary spray action and provide bottom load coverage. Spray arm/hub has holes in center to eliminate dead spots.

Note: To allow for free movement of spray arms when loading more than one Bottom Rotary Spray Header side-by-side in the washer/dryer, loading direction of every-other header must be reversed as shown. A and B designate the rotary spray arms.

Bottom Rotary Spray Header, BRS-580/380PG	SPRAY ARMS		HEADER SIZE			
FD18-800	Quantity	Diameter inches (mm)	Length inches (mm)	W x L x H inches (mm)	WEIGHT lb (kg)	APPLICATION
	2	1/2 (13)	13 (330)	12-7/8 x 25 x 5 (327 x 635 x 127)	10 (4.5)	Used with General Purpose Basket to provide load coverage from the bottom.

RELIANCE ACCESSORIES FOR MISCELLANEOUS ITEMS

General Purpose Basket and Cover are used in conjunction with the Bottom Rotary Spray Header to process beakers and hold down lightweight, small miscellaneous plasticware during washing. Open wire frame design of the basket and cover allows maximum water coverage to all parts of the load. The cover has openings sized to keep plasticware in place.

General Purpose Basket and Cover CVGPB	OVERALL SIZE W x L x H inches (mm)	WEIGHT lb (kg)	APPLICATION
FD18-900	Basket: 12-1/2 x 23-1/4 x 4 (318 x 591 x 102) OD Openings: 3/8 (9.5) Cover: 12 x 22-3/4 x 5/8 (305 x 578 x 16) OD Openings: 3/4 (19)	8.4 (3.8)	Used with Bottom Rotary Spray Header to wash beakers and miscellaneous hardware. Beakers must be inverted when loaded in the basket. Can also be used on modular accessories. Cover is used with Bottom Rotary Spray Header and General Purpose Basket to hold down lightweight plasticware.

RELIANCE ACCESSORIES FOR TEST TUBES

Test Tube Rack, Basket, Divider and Cover are used in conjunction with the Bottom Rotary Spray Header to process test tubes.

Test Tube Basket B-666 and Basket Divider D-666	OVERALL SIZE WxLxH inches (mm)	WEIGHT lb (kg)	APPLICATION
FD52-500 FD52-700	Interior Dimensions: 5-1/2 × 5-1/2 × 7-3/8 (140 x 140 x 187)	B-666: 1.5 (0.7) D-666: 0.5 (0.2)	The basket is used with Bottom Rotary Spray Header, Cover and Divider to hold test tubes, and small miscellaneous glassware (i.e., screw caps, stoppers, etc.) during washing. The Basket Divider partitions basket into four parts to support smaller or partial loads. Each basket holds approximately 120 test tubes. Test tubes must be inverted when loaded in the basket.
Test Tube Basket Cover C-666 FD52-600	5-1/2 x 6 x 3/8 (140 x 152 x 10)	0.5 (0.2)	Used with Test Tube Basket to hold test tubes in place while inverted in the basket.

NOTE: Spindle headers, bottom rotary spray headers, general purpose and test tube baskets can be used directly in the 380PG, 480PG, 580 washer or in the 680 Series washers in conjunction with the mutli-accessory header.

MODULES FOR RELIANCE 380PG, 480PG AND 580 MODULAR ACCESSORIES

The modular accessories are designed to be easily configured to accommodate various types of components, parts and glassware. The modular accessories occupy the full size of the wash chamber. All nozzles, connectors and spindles are detachable and can easily be replaced to process different items.

Description	Dimensions & Weight	Application
General Purpose Platform 580/380PG	W x L x H 39-1/2 x 24 x 7" (1003 x 610 x 178 mm)	Used to process large items such as drums, bins, containers, funnels, hoppers and other large opening components.
FD27-100	Effective Load Clearance Height 25" (635 mm) Weight 40 lb (18 kg)	
Container Accessory 580/380PG	W x L x H 39-1/2 x 24 x 17-1/2" (1003 x 610 x 445 mm) Effective Load Clearance Height 27" (686 mm) Weight 78 lb (35.4 kg)	Used to process large and tall items up to 17" (432 mm) diameter that require a spray ball to ensure coverage of all internal surfaces. Includes two spray balls and two container supports.

Description	Dimensions & Weight	Application
Part Washing Accessory 580/380PG	W x L x H 39-1/2 x 24 x 14"	Used to clean parts from filling lines (liquid or oral dosage form). Includes:
	(1003 x 610 x 356 mm)	2 x manifolds with various connections for items such as valves and tubing:
FD27-300	Effective Load Clearance Height 25" (635 mm) Weight 60 lb (27.2 kg)	 1 spindle 3/4" (19 mm) OD x 4-1/2" (114 mm) 1 tri-clamp 2" (51 mm) 1 tri-clamp 1 or 1-1/2" (25 or 38 mm) 1 tri-clamp 1/2 or 3/4" (13 or 19 mm) 1 plug 3/4" (19 mm) 1 connector for needles and canulated parts up to 3/8" (9.5 mm) diameter 1 barb connector 3/4" (6.4 mm) with silicone hose and 1/2 or 3/4" (13 or 19 mm) tri-clamp 4 spindles 3/8" (9.5 mm) OD x 6-1/4" (159 mm) long, for parts up to 4-7/8" (123 mm) diameter, with 2 adjustable supports. Also included is a 23-1/2 x 28" (596 x 711 mm) grid area, covered by a spray arm, used to clean large components or baskets of small components.

MODULAR ACCESSORIES FOR RELIANCE 480PG WASHER

Description	Dimensions & Weight	Application
General Purpose Platform	WxLxH	Used to process large items such as drums, bins, containers,
480PG	26 x 28 x 7"	funnels, hoppers and other components with large openings.
	(660 x 711 x 178 mm)	
	Effective Load Clearance Height	
	28" (711 mm)	
FD28-1	Weight	
. 520 .	34 lb (15.5 kg)	
Container Assembly	WxLxH	Used to process large and tall items up to 22" (559 mm) diameter
	26 x 28 x 17"	that require a spray ball to ensure coverage of all internal surfaces.
	(660 x 711 x 432 mm)	Includes 1 spray ball and 1 container support.
	Effective Load Clearance Height	
	28" (711 mm)	
	Weight	
FD28-2	50 lb (23 kg)	
		/Table Continued

Description	Dimensions & Weight	Application
Part Washing Accessory 480PG	W x L x H 26 x 28 x 11" (660 x 711 x 279 mm) Effective Load Clearance Height 28" (711 mm) Weight 37 lb (17.5 kg)	Used to clean parts from filling lines (liquid or oral dosage form). Includes: 1 x manifolds with various connections for items, e.g., valves and tubing: 1 spindle 3/4" (19 mm) OD x 4-1/2" (114 mm) 1 tri-clamp 2" (51 mm) 1 tri-clamp 1 or 1-1/2" (25 or 38 mm) 1 tri-clamp 1/2 or 3/4" (13 or 19 mm) 1 plug 3/4" (19 mm) 1 connector for needles and canulated parts up to 3/8" (9.5 mm) diameter 1 barb connector 3/4" (6.4 mm) with silicone hose and 1/2 or 3/4" (13 or 19 mm) tri-clamp
		Grid Area of 27-1/2 x 20" (698 x 508 mm) covered by two spray arms; used to clean large components or baskets of small components.

MODULES FOR RELIANCE 380PG, 480PG AND 580 MODULAR ACCESSORIES

Various modules are available for specific applications and can be used in conjunction with the Reliance 380PG, 480PG and 580 modular accessories.

Description	Dimensions & Weight	Application
Small Part Basket (FD27-700)	W x L x H Basket: 12-1/2 x 12-1/2 x 4"	Used in conjunction with all modular accessories to clean small and lightweight items such as valve gaskets, triclamp connections, pipe fittings, caps, covers, etc. Can also be used with 680 washer module accessories.
Module for Tubing 580/380PG (FD54-900)	Dimension: Diameter: 12" (305 mm) Height: 24" (610 mm) Weight 8 lb (3.6 kg)	Used in conjunction with the modular 580 part accessory to clean tubing and hoses from 1/8-7/8" (3.2-22.2 mm) inside diameter and up to 1-1/4" (32 mm) external dia. and 50 ft (15 m) long. Maximum diameter of hose end connector is 2-1/4" (57.1 mm). NOTE: Provide information on tubing to engineering for verification.

ACCESSORIES FOR RELIANCE 680 SERIES WASHERS

The accessories are designed to accommodate various types of components, parts and glassware. The accessories occupy the full length and width of wash chamber. All nozzles, connectors and spindles are detachable and can easily be replaced to process different items.

Description	Dimensions & Weight	Application
General Purpose Platform 680 FD29-000	W x L x H 49-1/2 x 51-5/8 x 6-7/8" (1257 x 1311 x 174 mm) Effective Load Clearance Height 35" (889 mm) Weight 110 lb (50 kg)	Used to process large items such as drums, bins, containers, funnels, hoppers and other large opening components. Provided with a rotary spray arm to ensure complete coverage.
Container Accessory 680 FD29-200	W x L x H 49-1/2 x 51-5/8 x 19-3/8" (1257 x 1311 x 492 mm) Effective Load Clearance Height 35" (889 mm) Weight 110 lb (50 kg)	Used to process four large and tall items up to 24" (610 mm) OD that require a spray ball to ensure coverage of all internal surfaces. Includes four spray balls (height of spray ball from grid = 12-1/8" [308 mm]) and a rotary spray arm to ensure complete coverage. Possibility to wash a 5 th container in the middle with an additional special spindle. (with 5 th spindle, maximum container diameter is 17-1/2" [445 mm]).
Carboy Accessory FD29-300	W x L x H 49-1/2 x 51-5/8 x 22-3/8" (1257 x 1311 x 568 mm) Effective Load Clearance Height 35" (889 mm) Weight 170 lb (77 kg)	Used to clean glass and plastic carboys and other large items up to 15-7/8" (403 mm) OD. Includes 9 large spindles (11" [279 mm] high) and a support for 9 carboys. 4-1/2" (114 mm) long plastic protectors are provided at the bottom of each spindle to protect the neck of the carboys. A rotary spray arm is provided to ensure complete coverage.
Multi Accessory Header for Glassware FD29-400	W x L x H 49-7/16 x 49 x 8-3/4" (1255 x 1245 x 222 mm) Effective Load Clearance Height 33-1/2" (851 mm) Weight 100 lb (45.5 kg)	Used in conjunction with six spindle headers to clean various types and sizes laboratory glassware and other small items.

Description	Dimensions & Weight	Application
Part Washing Accessory 680 One Level FD29-500	W x L x H 49-7/16 x 51-9/16 x 23" (1255 x 1310 x 585 mm) Effective Load Clearance Height 35" (889 mm) Weight 175 lb (79.4 kg)	Used to clean parts from filling lines (liquid or oral dosage form). Included is a rotary spray arm and 2 x spray balls (12" [305 mm] high) and supports for large items up to 25" (635 mm) dia.; and 2 x manifolds with various connectors for items such as valves and tubing: 1 x tri-clamp 2" (51 mm) 1 x tri-clamp 1 or 1-1/2" (25 or 38 mm) 1 x tri-clamps 1/2 or 3/4" (13 or 19 mm) 1 x 3/4" (19 mm) plug 1 connector for needles and canulated parts up to 3/8" (9.5 mm) dia. 1 x barb connector for 1/8-5/8" (3.2-15.9 mm) diameter silicone hose is provided and can be connected to the barb connector. The other end of this 18.1" (460 mm) long hose is fitted with 1/2 or 3/4" (13 or 19 mm) tri-clamp connector. 4 x spindles 3/8" (9.5 mm) OD x 6-1/4" (159 mm) long for parts up to 4" (102 mm) diameter
		Also included is a 11 x 46" (280 x 1170 mm) grid area used to clean large components or baskets of small components. Area is easily configured to accept two optional spindle headers.
Part Washing Accessory 680 Two Levels	W x L x H 49-7/16 x 51-9/16 x 40" (1255 x 1310 x 1015 mm)	Used to clean parts from filling lines (liquid or oral dosage form). Included is a rotary spray arm and 2 x large spindles (12-1/4" [311 mm] high) and supports for items up to 25" (635 mm) OD; 2 x manifolds with a total of 10 connectors (various) for items such as valves and tubing:
	Effective Load Clearance Height • 1st Level 35" (889 mm) • 2nd Level: 10-1/4" (260 mm) Weight 230 lb (104.3 kg)	 1 x tri-clamp 2" (51 mm) 1 x tri-clamp 1 or 1-1/2" (25 or 38 mm) 1 x tri-clamp 1/2 or 3/4" (13 or 19 mm) 1 connector for needles and canulated parts up to 3/8" (9.5 mm) dia. 1 x barb connector for 1/8 - 5/8" (3.2 - 15.9 mm) diameter silicone hose is provided and can be connected to the barb connector. The other end of this 18.1" (460 mm) long hose is fitted with 1/2 or 3/4" (13 or 19 mm) tri-clamp connector 1 x 3/4" plug 4 x spindles 3/8" (9.5 mm) OD x 6-1/4" (159 mm) long for parts up to 4" (102 mm) diameter
FD29-600		Adaptor for two optional spindle headers (height clearance for spindle header = 16-1/4" [413 mm]), and a second level shelf with a rotary spray arm on which miscellaneous items or part baskets (up to 2 large baskets or 4 small baskets) can be placed.
		Second level is provided with holders to wash: • 6 x tri-clamp caps 1/2 - 3/4" (13 or 19 mm) • 12 x tri-clamp caps 1 - 1-1/2" (25 - 38 mm) • 4 x tri-clamp caps 2" (51 mm) • 20 x tri-clamp clamps • 12 x tri-clamp gaskets

MODULES FOR RELIANCE 680 SERIES MODULAR ACCESSORIES

Various modules are available for specific applications and can be used in conjunction with the Reliance 680 Series modular part washing accessories.

Description	Dimensions & Weight	Application
FD27-700 Module for Tubing 680 FD59-100	W x L x H Basket: 12-1/2 x 12-1/2 x 4"	Used in conjunction with all modular accessories to clean small and lightweight items such as valve gaskets, tri-clamp connections, pipe fittings, caps, covers, etc. Can also be used with 680 washer module accessories. Used in conjunction with the modular 680 part washing accessory to clean tubing and hoses from 1/8-7/8" (3.2 - 22.2 mm) inside diameter and up to 1-1/4" (32 mm) external diameter and 50 ft (15 m) long. Maximum diameter of hose end connector is 2-1/4" (57.1 mm) diameter. NOTE: Provide information on tubing to engineering for verification.
Supports for Trays 680 FD29-100	W x L x H 49 x 25-5/8 x 17-3/4" (1219 x 651 x 451 mm) Effective Load Clearance Height 35" (889 mm) Weight 57 lb (25.9 mm)	Includes one support that is used in conjunction with the General Purpose Platform 680 to hold trays using supporting rods (24 rods provided, 3 rods needed per tray). The module can hold up to 8 trays of maximum dimensions 23-1/2" W x 35" L x 2-3/4" H (597 x 889 x 70 mm) (or less if height is more than 2-3/4"). A maximum of two modules can be installed on General Purpose Platform 680.

TRANSFER CARTS

Stainless-Steel carts are designed for transporting glassware to and from washers and dryers, as well as loading and unloading accessory headers. Carts are available with either a single or double shelf capacity, and lockable wheels.

Description	OVERALL SIZE W x D x H in (mm)	FOR USE WITH	LOAD CAPACITY	WEIGHT lb (kg)	Application
Transfer Cart, TC-570 FD41-2	43 x 28-1/4 x 37 (1092 x 718 x 940)	580 Washer	6 Spindle Headers or 2 Modular Accessories	73 (33.1)	Used to load and unload accessory headers from 580 washers. Made of 304 stainless steel. Wheel casters can be raised or lowered up to 1" (25mm).
Transfer Cart, TC-570DS FD41-3	43 x 28-1/4 x 37 (1092 x 718 x 940)	580 Washer	12 Spindle Headers Lower shelves cannot accommodate KM-1, 2, 3 and 8 kits and modular accessories.	78 (35)	Used to load and unload accessory headers from 580 washers. Includes two storage shelves. Made of 304 stainless steel. Wheel casters can be raised or lowered up to 1" (25mm).
Transfer Cart, TC-680 FD66-9	52-3/4 x 49 x 41 (1340 x 1245 x 1041)	680 Washer	1 Accessory Header	130 (59)	Used to load and unload accessory headers from 680 washers. Made of 304 stainless steel. Wheel casters can be raised or lowered up to 2" (51mm).
Transfer Cart, TC-680PG FD24-4	52-3/4 x 49 x 45 (1340 x 1245 x 1143)	680PG Washer	1 Accessory Header	130 (59)	Used to load and unload accessory headers from 680PG washers. Made of 304 stainless steel. Wheel casters can be raised or lowered up to 2" (51mm).

TRANSFER CARTS (Continued)

Description	OVERALL SIZE W x D x H Inches (mm)	FOR USE WITH	LOAD CAPACITY	WEIGHT lb (kg)	Application
Rack Storage System FD67-800	54 x 54 x 61 (1372 x 1372 x 1549)	680 Series Accessories	Up to 3 x 680 Series Accessories	174 (79)	Used to store up to 3 x 680 Series accessories. Includes three adjustable height shelves. Made of 304 stainless steel.
Transfer Cart, TC-380PG FD41-700	43 x 28-1/4 x 33 (1092 x 718 x 838)	380PG Washer	6 Spindle Headers or 2 Modular Accessories	73 (33.1)	Used to load and unload accessory headers from 380PG washers. Made of 304 stainless steel. Wheel casters can be raised or lowered up to 1" (25mm).
Transfer Cart, TC-480PG (FD11-9)	57 x 32-1/2 x 31-1/2 (1448 x 825 x 800)	480PG Washer	8 Spindle Headers or 4 Modular Accessories	125 (56.7)	Used to load and unload accessory headers from 480PG washers. Made of 304 stainless steel. Wheel casters can be raised or lowered up to 1-1/2" (38mm).

ACCESSORY BARRIER WALL FLANGE KITS

A combination of top flanges and side flanges are recommended to seal the opening between the washer and the wall.

Description	Items Included	Application		
Barrier Wall Flange Kit (FD41-500) Refer to equipment drawing number 920-515-291.	Stainless-steel top flange to seal opening between washer and wall. Two 2-1/2" (63.5 mm) stainless-steel side flanges.	Used with Reliance 380PG washers. Used to fill the gap between the wall and the washer. Made of 304 stainless steel.		
Barrier Wall Flange Kit (FD67-200) Refer to equipment drawing number 920-512-996.	Stainless-steel top flange to seal opening between washer and wall. Two 2-1/2" (63.5 mm) stainless-steel side flanges.	Used with Reliance 680PG Series washers. Used to fill the gap between the wall and the washer. Made of 304 stainless steel.		
Barrier Wall Flange Kit (FD11-7) Refer to equipment drawing number 100-893-03.	Stainless-steel top flange to seal opening between washer and wall. Two 2-1/2" (63.5 mm) stainless-steel side flanges.	Used with Reliance 480PG Series washers. Used to fill the gap between the wall and the washer. Made of 304 stainless steel.		
Kit to Tilt Washer (FD41-400)	Tilting hooks and screws.	Used with Reliance 380PG washers. Used to tilt the washer on its side to clear doorways.		
Kit to Tilt Washer (FD16-3)	Tilting hooks and screws.	Used with Reliance 480PG washers. Used to tilt the washer on its side to clear doorways.		
S/S Back Panel (FD41-600)	S/S 304 Panel	Used to enclose the back of a single door Reliance 380PG Washer.		
S/S Back Panel (FD11-8)	S/S 304 Panel	Used to enclose the back of a single door Reliance 480PG Washer.		
Teflon [®] Glassware Protective Mesh* (FD48-200)	12 x 24" (305 x 610 mm) plastic mesh.	Can be added on top of spindle headers or in GP basket to prevent glassware breakage or damage to load items.		
Flexible Hold Down Screens/ Silicone Glassware Protectors (Qty. 2) (FD75-300)	12 x 24" (305 x 610 mm) silicone mesh.	Can be added on top of spindle headers or in GP basket to prevent glassware breakage or damage to load items. Includes 2 silicone pieces.		

^{*}Teflon $^{\circledR}$ is a registered trademark of E. I. du Pont de Nemours and Company

GLASSWARE PROCESSING CAPACITY							
ACCESSORIES FOR RELIANCE PHARMACEUTICAL GRADE WASHERS							
	VOLUMETRIC FLASKS	ERLENMEYER FLASKS	GRADUATED CYLINDERS	BEAKERS	CARBOYS AND BOTTLES		
KM-1 Spindle Header	Max. 13-3/4" dia. (349 mm)	Max. 13-3/4" dia. (349 mm)	Max. 13-3/4" dia. (349 mm)	-	Max. 13-3/4" dia. (349 mm)		
KM-2 Spindle Header	500 to 2000 mL	500 to 6000 mL	500 to 2000 mL	_	4.0 to 20 L		
KM-3 Spindle Header	500 to 2000 mL	500 to 4000 mL	250 to 2000 mL	_	_		
KM-8 Spindle Header	500 to 2000 mL	500 to 1500 mL	250 to 500 mL	_	500 mL to 4.0 L		
M-18 Spindle Header	50 to 250 mL	250 to 300 mL	25 to 250 mL		-		
M-32 Spindle Header	50 to 200 mL	50 to 250 mL	25 to100 mL	_	-		
M-50 Spindle Header	25 to 100 mL	50 to 125 mL	10 to 50 mL	_	_		
M-84 Spindle Header	5.0 to 25 mL	10 to 25 mL	10 to 25 mL	150 to 600 mL	-		
General Purpose Basket	_	_	-	Various Sizes	_		

NOTE: Certain types of plastic items may be more difficult to clean and dry. Custom accessories can be designed to clean glassware/plasticware which cannot be processed using a standard STERIS accessory. Contact your STERIS sales representative for more information.

SCIENCES

For further information, please contact:



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