

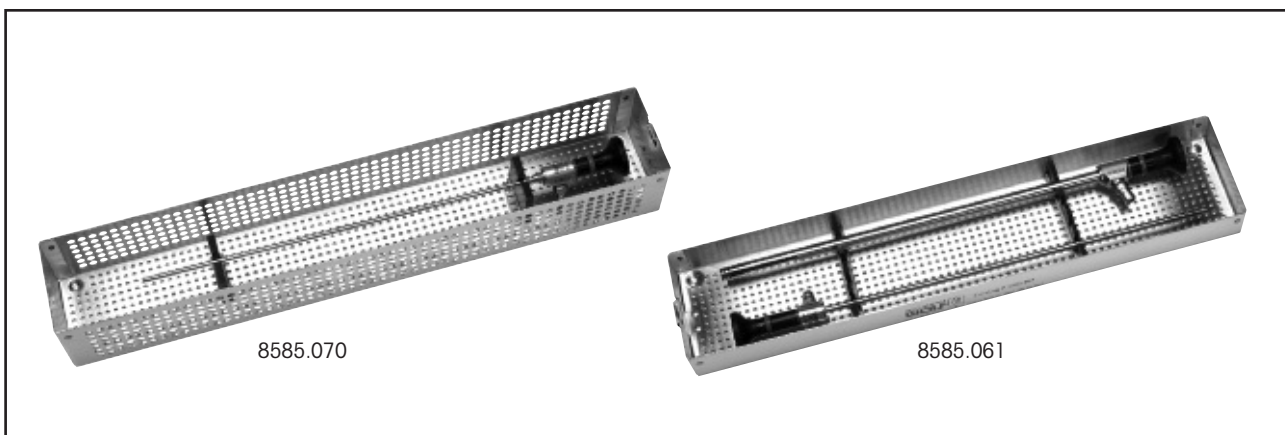
Accessories / Parts



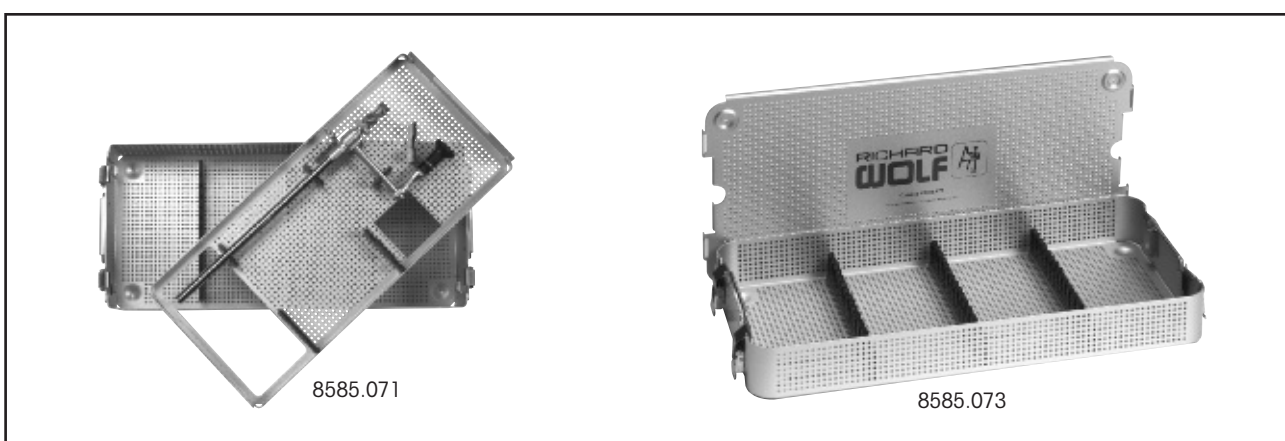
- Trays
- Cleaning Brushes
- Scope Protectors
- Scope Warmer
- Scope Holders
- Connecting Cables
- Light Cables
- Replacement Parts

Anodized Aluminum Trays

for Pre-Vac Autoclave, EtO and STERRAD Sterilization



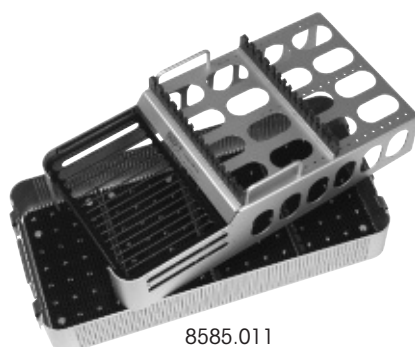
		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Single scope tray with brackets	5 mm – 10 mm rigid endoscopes	17.9	2.9	2.5	18.2	3.1	2.6	8585.070
Dual scope tray with universal brackets	5 mm – 10 mm rigid endoscopes	17.2	3.6	1.3	17.4	3.8	1.5	8585.061



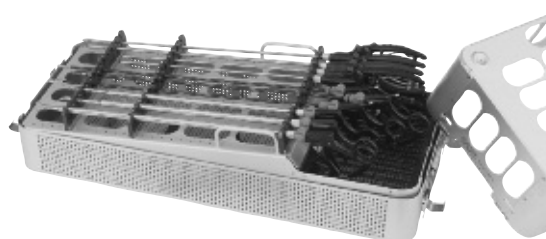
		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Universal Scope Tray, 2 tiers with brackets	Top tier hold operating laparoscope, bottom tier hold multiple endoscopes	18.7	8.5	3.5	19.9	8.9	3.9	8585.071
Universal Tray with 3 brackets	Endoscopes, forceps and accessories	20.6	9.7	2.4	21.9	10.2	2.8	8585.073

Anodized Aluminum Trays

for Pre-Vac Autoclave, EtO and STERRAD Sterilization

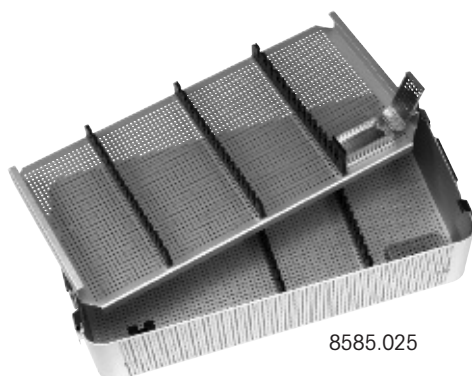


8585.011

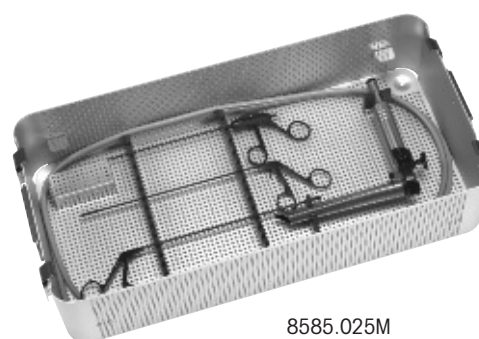


8585.021

		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Lap Chole Tray with instrument rack, 8585.211	Holds 15 forceps and endoscopes securely	21.6	10.7	7.7	22.8	11.1	8	8585.011
Extra Long Lap Tray with instrument rack, 8585.221	Long instruments, bariatric set	25.6	10.7	7.7	26.8	11.1	8	8585.021



8585.025



8585.025M

		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Universal Tray, 2 tier with universal brackets	Endoscopes and instruments	21.6	10.7	3.4	22.8	11.1	5.3	8585.025
Video Mediastinoscope Tray 2 tier with brackets	Mediastinoscope and instrumentation	21.6	10.7	3.4	22.8	11.1	5.3	8585.025M

Anodized Aluminum Trays

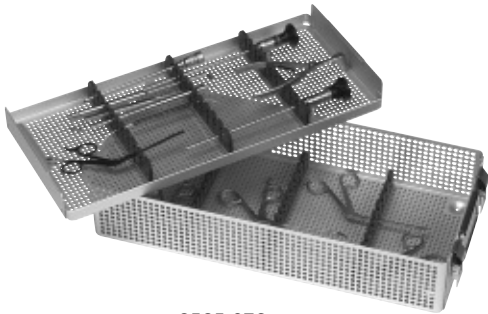
for Pre-Vac Autoclave, EtO and STERRAD Sterilization

								
8585.027		8585.023						
		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Universal Tray with 3 universal brackets	Longer instruments and endoscopes	25.6	10.7	3.4	26.8	11.1	3.8	8585.027
Universal Tray, with 3 brackets	Endoscopes and instruments	21.6	10.7	3.4	22.8	11.1	3.8	8585.023

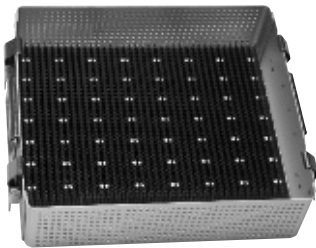
	8585.101		8585.091M					
		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Camera Head Tray	Camera Head and cord	8.7	8.5	2.5	9.9	8.9	2.9	8585.101
Fascial Closure Tray w/ pin matting	Fascial Closure System	10.6	4.8	1.3	10.9	5.1	1.5	8585.091M

Anodized Aluminum Trays

for Pre-Vac Autoclave, EtO and STERRAD Sterilization



8585.072



8585.026

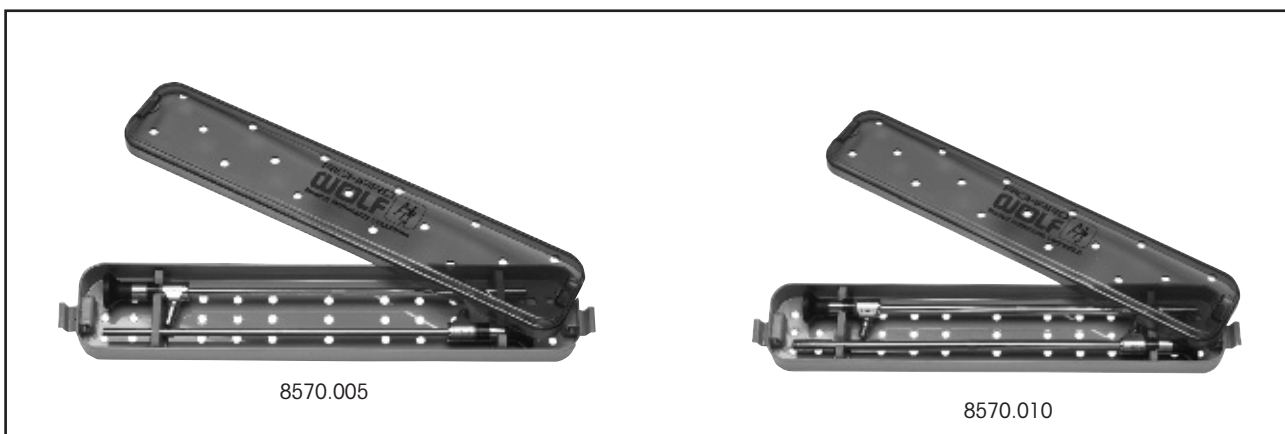
		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Universal Tray, 2 tiers with brackets	Endoscopes and instruments	18.7	8.5	3.5	19.9	8.9	3.9	8585.072
Martin Arm Tray	Martin arm and clamp	16.0	17.0	4.8	17.3	17.4	5.2	8585.026

Plastic Trays

for Pre-Vac Autoclave, EtO and STERRAD Sterilization



		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Single scope tray with brackets	1.9 mm – 5 mm short rigid endoscopes	11.1	3	1.3	12	3.2	1.6	8570.012
Single scope tray with brackets	5 mm – 10 mm long rigid endoscopes	16.1	3	1.3	17	3.2	1.6	8570.017



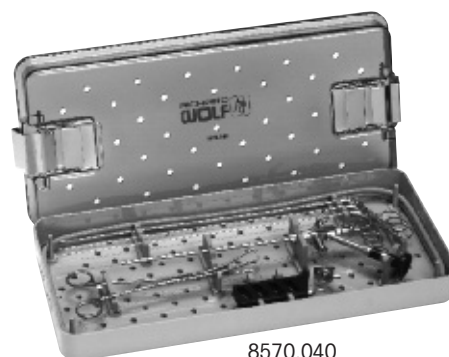
		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Dual scope tray	Holds two 4 mm rigid Cysto, Hystero scopes, or 5mm endoscopes	16.1	3	1.3	17	3.2	1.6	8570.005
Dual scope tray	Holds two 10 mm rigid endoscopes	16.1	3	1.3	17	3.2	1.6	8570.010

Plastic Trays

for Pre-Vac Autoclave, EtO and STERRAD Sterilization



8570.027

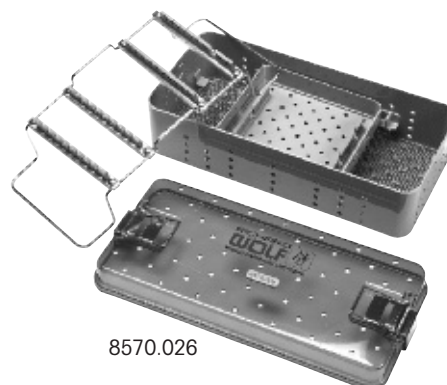


8570.040

		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Hysteroscopy tray, laser etched	2.7 mm hysteroscopy set	19.5	8.7	1.7	19.8	9.0	1.8	8570.027
Hysteroscopy tray, laser etched	Compact hysteroscopy set	19.5	8.7	2.8	19.8	9.0	3.0	8570.040



8570.011



8570.026

		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Instrument tray, 2 tiers	Holds forceps in top layer, endoscopes and other instrumentation in bottom layer	20	9.2	4.6	20.3	9.5	4.8	8570.011
Instrument tray	Holds 4 standard scopes, pin matting on the bottom layer for other instrumentation	20	9.2	4.6	20.3	9.5	4.8	8570.026

Plastic Trays

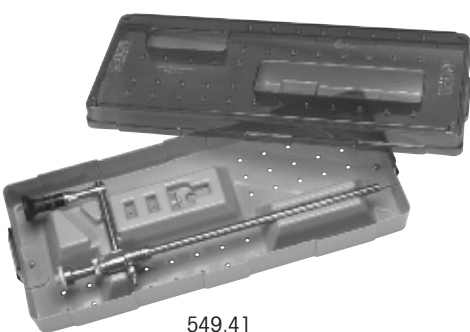
for Pre-Vac Autoclave, EtO and STERRAD Sterilization



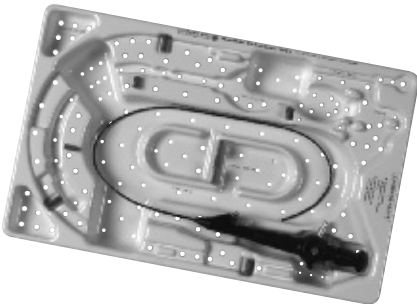
		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Operating scope tray	Right angle operating laparoscope	19.5	8.7	1.7	19.8	9	1.8	8570.041
Universal tray	Camera head and cord	8.7	9.5	1.7	9	9.7	1.8	8570.101

Plastic Trays

EtO only



549.41



573.101

		Inner Dimensions			Outer Dimensions			
	Suitable for:	Length (in)	Width (in)	Total Height (in)	Length (in)	Width (in)	Total Height (in)	Type
Operating laparoscope tray	Right angle 10 mm laparoscope	17	16.5	1.75	17.25	7	2.75	549.41
Flexible endoscope tray	Flexible cystoscopes, ureteroscopes, hysteroscopes	–	–	–	21	13.25	3	573.101

Water Cleaning Gun

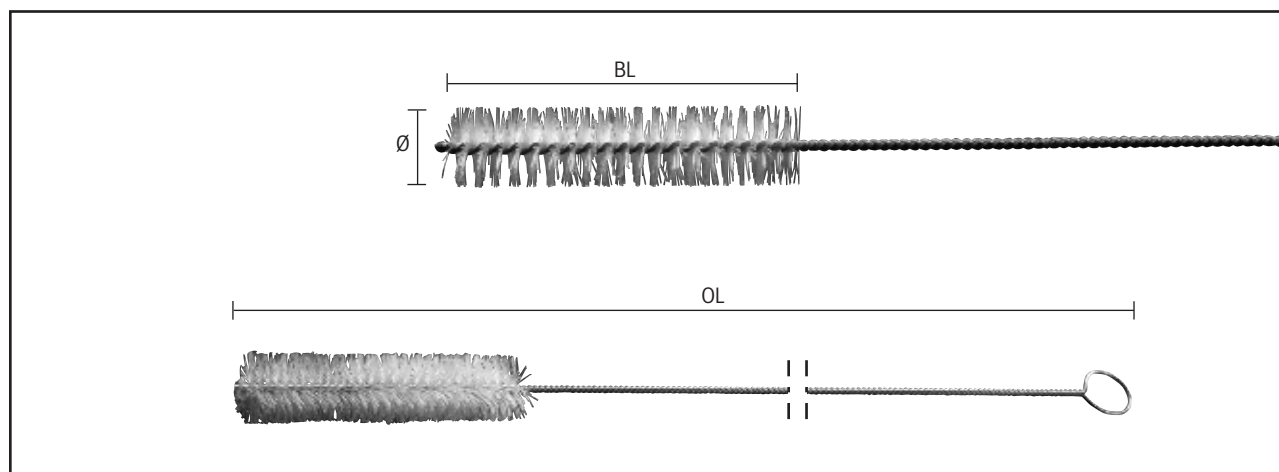


- Use with water or air
- Autoclavable
- Lightweight
- Heat insulated grip with easy trigger release
- New precision flow control mechanism
- Hooks up to standard faucet
- Wall mountable display rack for easy access to attachments.

Water Cleaning Gun

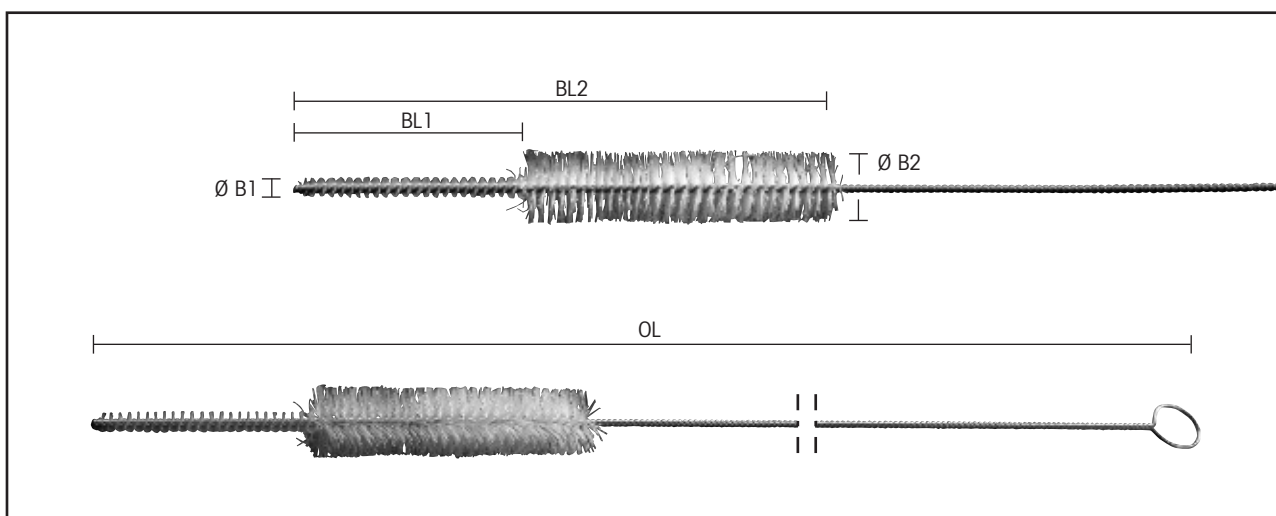
complete with attachments6199.00

Cleaning Brushes

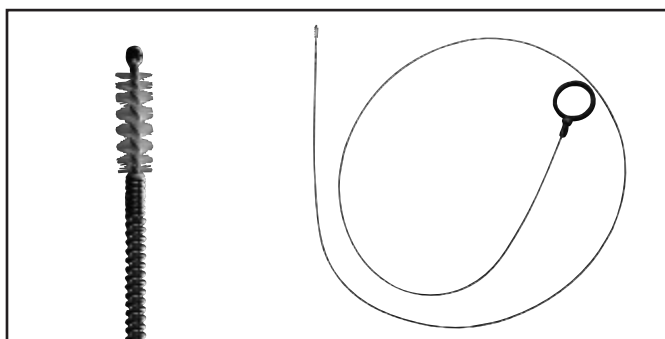


Ø mm	Brush length BL mm	Overall length OL mm	Example of areas of application	Types
11	100	360	Sheaths and trocar sleeves	6.01
5	50	375	Telescope guide tube for inserts and transporters	6.03
2	50	400	Electrode guide tubes for transporters	6.04
3	50	365		6.041
2	50	240		6.045
5	60	515	Operating laparoscope	6.05
5	50	240	Small-caliber sheaths (24 cm long)	6.06
1,8	55	610		6.061
13	80	340	Pediatric rectoscope tubes	6.07
1.3	25	610	Semi Rigid Ureteroscopes w/ 4 Fr. Channel	6.0640
0.8	12	610	Semi Rigid Ureteroscopes w/ 2.4 Fr. Channel	6.0624

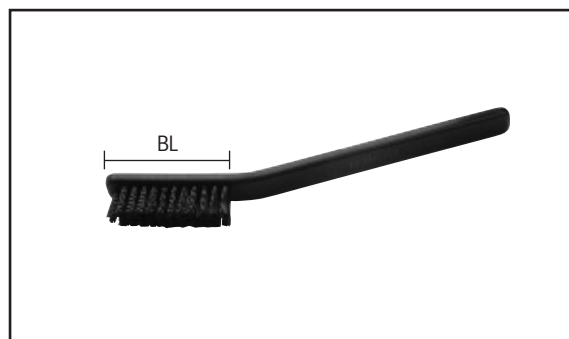
Cleaning Brushes



mm	mm	Brush length BL1 mm	Brush length BL2 mm	Overall length OL mm	Types
3	5	40	100	250	6.011
3	13	40	100	250	6.012



Ø mm	Brush length BL mm	Overall length OL mm	Types
5	10	2200	6.24
8	12	2200	6.40
12	20	2350	6.70
3	8	1000	7264.691
2.5	10	1000	7321.911



	Brush length BL mm	Type
Cleaning brush, autoclavable	42	86.90

Ultra Stop

Multi-Use Endoscope Anti-Fogging Agent



Product:	ULTRASTOP pro med. 3 ml, . sterile
Description:	Colorless liquid with a typical odor of Ethyl Alcohol
Density (20°C):	0,868
Refractive Index (20°C):	1,368
Identity of:	
Triethanolamine Salt of an alkyl	
Benzenesulfonic Acid:	Passes
Sodium Alkylsulfat:	Passes
Ethyl Alcohol:	Passes

*The contents of the active ingredients are not shown in figures due to the proprietary nature of the composition.

Ultra Stop

Multi-Use Endoscope Anti-Fogging Agent, 1 unit/box.....102.01

Modes of Application

Take Ultrastop from the vial using a sterile hypodermic needle. Apply one droplet of Ultrastop from the needle to the dry, clean and cold glass surface. Allow Ultrastop time to react and evaporate. Now polish the glass surface clean and crystal clear using a sterile, non-fraying gauze cloth — applying only gentle pressure.

Alternatively you should dampen a sterile swab with Ultrastop and spread over the endoscope optic.

Since the original Ultrastop "pro med" 30 ml vial was filled under sterile conditions, and product itself contains high-proof ethanol, it may be used down to the very last drop if handled properly (remove with sterile needle, disinfect rubber pad before inserting needle!).

With Ultrastop "pro med" it is no longer necessary to warm the endoscope before the operation.

Ultrastop is an Austrian product first developed several years ago by SIGMAPHARM as a special anti-fog agent for use with medical optics and endoscopes in surgery. Meanwhile Ultrastop in 25ml droppers and 30ml vials is in use in hospitals throughout the world and conforms to the most stringent medical requirements.

The active components of Ultrastop form an almost monomolecular, transparent film on glass surfaces. The film is absolutely clear and transparent.

Mr. Clear

Single Use Endoscope Anti-Fogging Agent

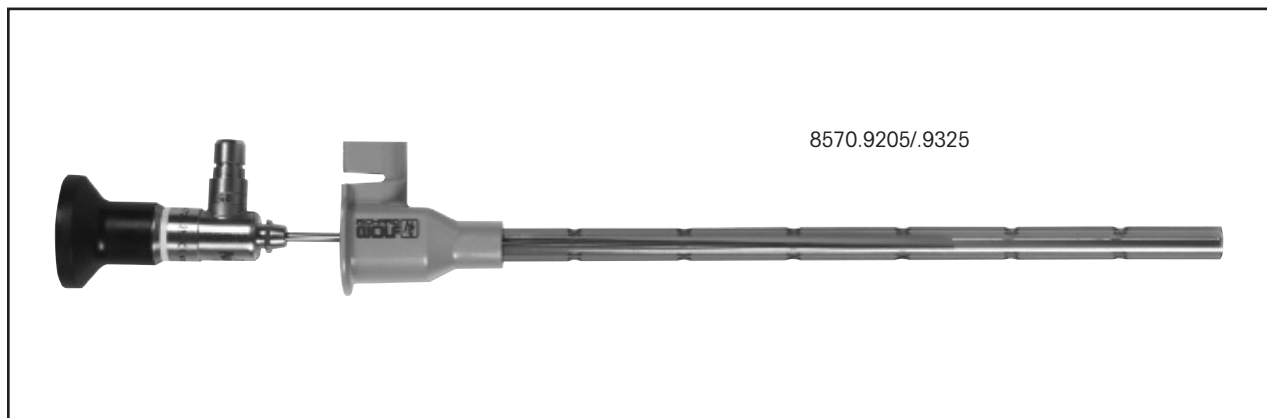


- Dispense packet contents onto sterile field.
- Remove bottle cap and invert to ensure sponge is moist.
- Apply to distal end of endoscope.
- Repeat as necessary during procedure.

Mr. Clear

Single Use Endoscope Anti-Fogging Agent 20/box102.021

Scope Protectors



Protective Sleeves for Scopes

custom molded sleeves for storage
and sterilization of endoscopes, semi-reusable,
for scopes up to 5 mm outer diameter and
up to 20 cm WL, pack/58570.9205

for scopes up to 5 mm outer diameter and
up to 32 cm WL, pack/58570.9325

Laparoscope Warmer 2320



- ❑ Electronic temperature control by multi cycle controller
- ❑ Four endoscopes can be pre-heated to approx. 122° F simultaneously
- ❑ Short warming cycle of approx. 10 minutes
- ❑ Hinged feet allow unit to be tilted for easier access when inserting or removing endoscopes
- ❑ For Laparoscopes up to 310 mm working length

Laparoscope warmer 2320

including 4 autoclavable tube inserts
with screw caps for four laparoscopes of up to
310 mm working length2320.002

The Laparoscope warmer is used to warm laparoscopes to prevent them from fogging when introduced into the body (e.g. in laparoscopic surgery).

Spare tube insert for endoscopes of up to 310 mm
working length8033.90

Anti-fogging solution, sterile102.01

Scope / Instrument Holder



Articulating scope / instrument holder,*

stabilizes laparoscopes, trocar sleeves and liver

retractors to maintain their position8175.601

*for use with instruments and scopes from 5 mm - 12 mm in diameter

ENDOmotion System

Mechanical Support Arm



ENDOmotion System

Universal support arm for laparoscopy

consisting of:

ENDOmotion arm (37500.002), mechanical arm with six 360° rotatable articulated joints which can be released and moved by pressing the handle.

Releasing the handle creates a locking of the joints:

Flying range: 640 mm, action distance: 604.5 mm, weight: 6 kg,

Autoclavable endoscope mounting (83750.001) for secure fixation of laparoscopic telescopes and auxiliary instruments,

clamp for fixation (37500.005) on

OR-table-standard fitting,

case (37500.010)37500.001

Sterile drapes for support arm

7" x 96", individually packaged, box/505510.891

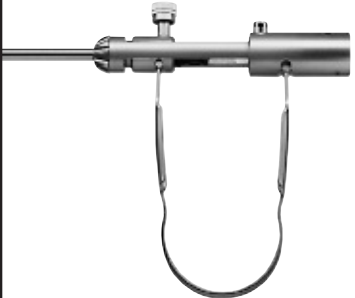


Support arm with mounting clamp on rail.

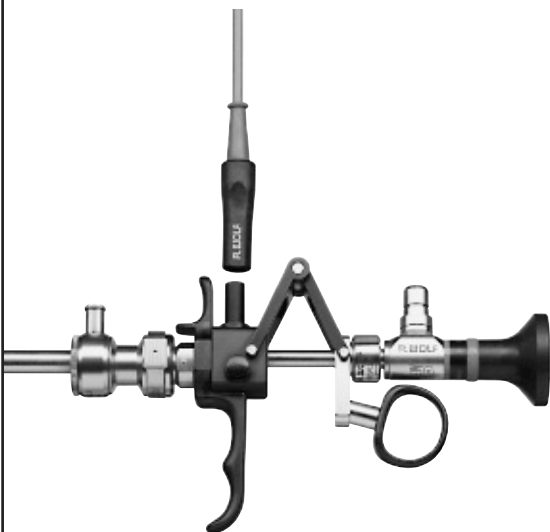


Storage case 375000.010.

HF Bipolar Connecting Cables

Instrument connecting	Unit connecting	Length	Part Number
WOLF Bipolar forceps 	 ERBE / ACC / ICC / T	3 m	8108.032
	 2 pin Valleylab	3 m	8108.033
		5 m	8108.053
	 Conmed and other devices with 4 mm connectors	3 m	8108.034
	 WOLF / Martin / Berchtold / Aesculap	3 m	8108.031
		5 m	8108.051
	 WOLF Disposable, box of 10	3 m	8108.011
Bipolar Tweezers connecting 	 2 pin Valleylab	3 m	8108.133
	 WOLF / Martin / Berchtold / Aesculap	3 m	8108.131

HF Monopolar Connecting Cables

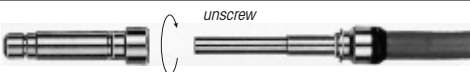
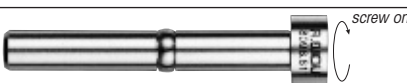
Instrument connecting	Unit connecting	Length	Part Number
WOLF - Resectoscopes 	 ERBE T-Series / Wolf	3 m	815.132
	 Bovie / Valleylab / Erbe Int.	3 m	815.033 415.0030*
		5 m	815.053
WOLF - Instrument 	 ERBE T-Series / Wolf	3 m	8106.132 4106.1320*
	 Bovie / Valleylab / Erbe Int.	3 m	8106.033 4106.0330
		5 m	8106.053

*Disposable cables, individually packed sterile, box of 10.

Adapter for HF Cable 8106 to 815 8106.815

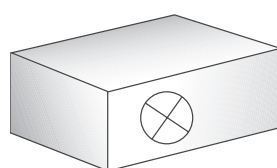
Adapters

For connecting Richard Wolf light cables to light sources and endoscopes of other manufacturers

	Light Source Adapters	Endoscope Adapters	
Richard Wolf	 *8095.07	 **8095.05	
ACMI/Gyrus	 8083.10	 8081.00	 8081.01
Storz	 Richard Wolf cables fit without adapter	 8091.00	
Olympus	 8096.811	 8091.00	
Stryker/Dyonics	 8094.00		
Fuji	 8096.85		
Machida	 8097.11		

* For 8063.353 high temperature light cables use 8096.631

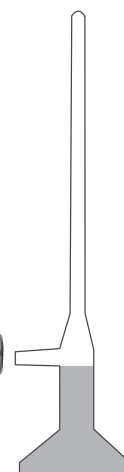
**For 1.6mm endoscopes use 15004.013



Non-Wolf Lightsource



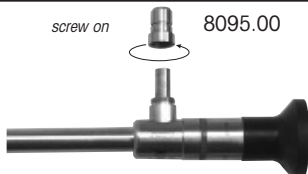
Richard Wolf Light Cable



Non-Wolf Endoscope

Adapters

For connecting Richard Wolf endoscopes to light cables of other manufacturers

Richard Wolf	 screw on 8095.00
ACMI/Gyrus	 *8087.00
Storz	 8088.00
Olympus-Standard	 8088.80
Olympus-WAO3...A	 8088.81

*8087.00 fits: AFI, Aspen, Concept, Cuda, Dyonics, Eder, KLI, Linvatec, Lutex, Pilling, Stryker, V. Mueller, Wehmer, Weck, Zeiss



Richard Wolf Lightsource

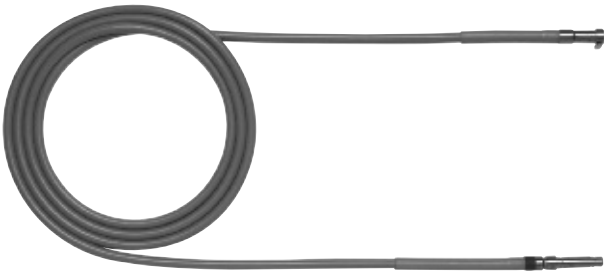


Non-Wolf Light Cable

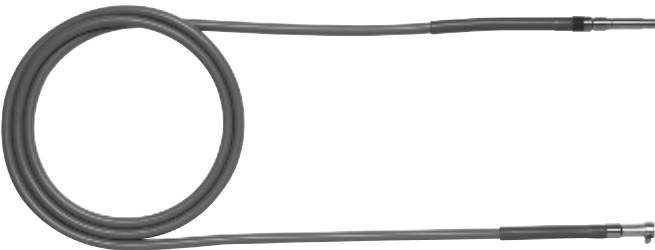


Richard Wolf Endoscope

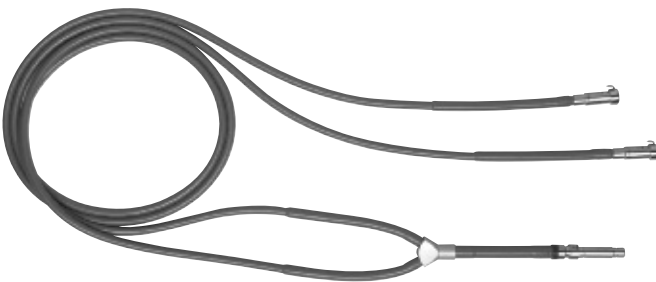
Fiber Light Cables



- ❑ **Straight Light Cables** offer versatility throughout all endoscopic fields
- 1.6 mm x 1.8 M.....8061.16
- 2.5 mm x 3 M8061.0256
- 3.5 mm x 3 M8061.0356
- 4.5 mm x 3 M8061.0456



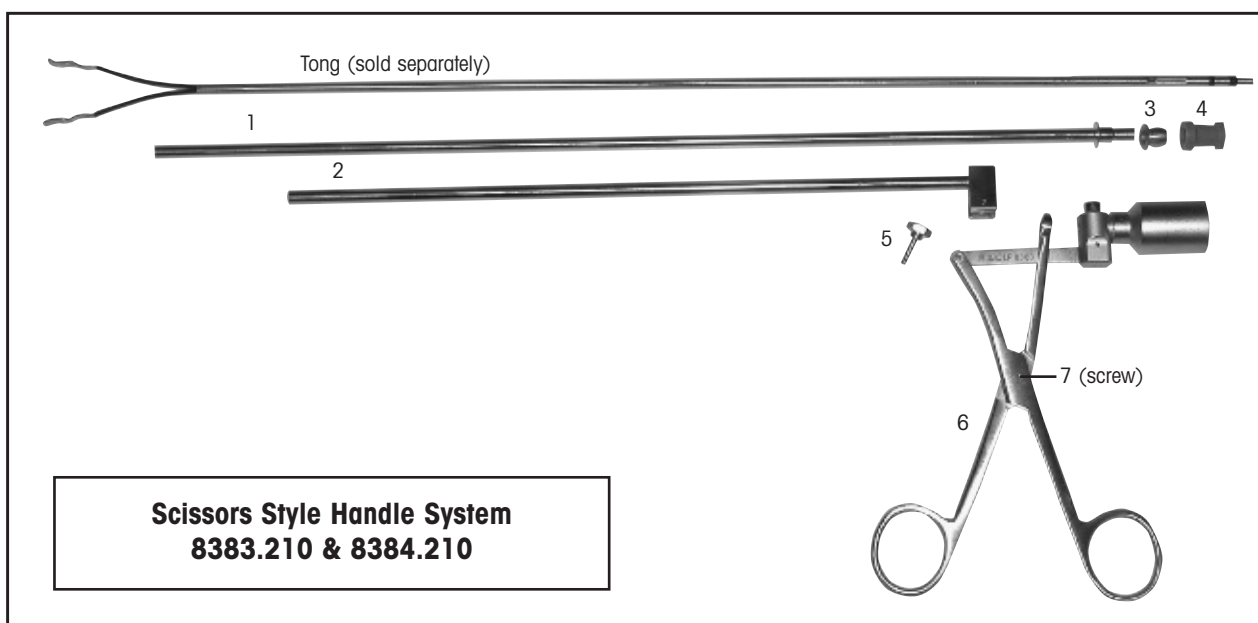
- ❑ **Translucent Light Cables**
- 2.5 mm x 3 M, green8069.256
- 3.5 mm x 3 M, blue8069.356
- 4.5 mm x 3 M, purple8069.456



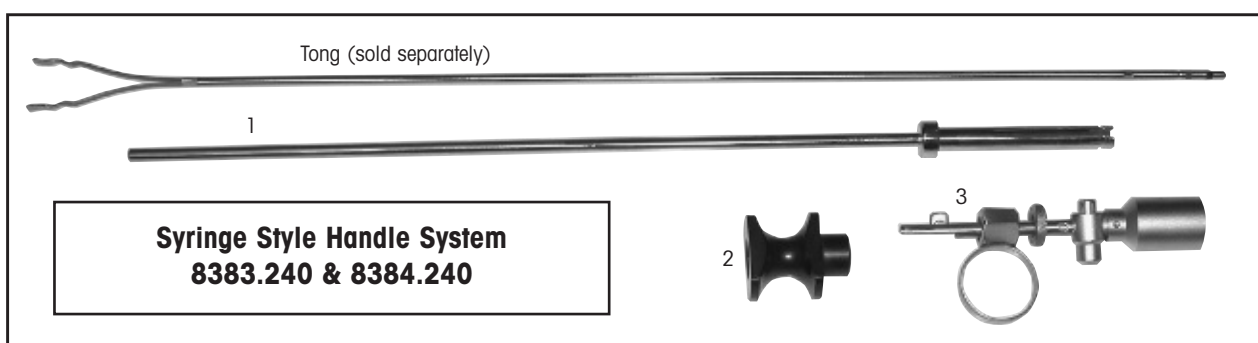
- ❑ **Dual Light Cables** allow two endoscopes to be used simultaneously with one light source
- 3.5 mm x 2 M8062.35

AUTOCLAVE
134° C / 273° F

Replacement Parts for Bipolar Instruments Classic Kleppinger Style

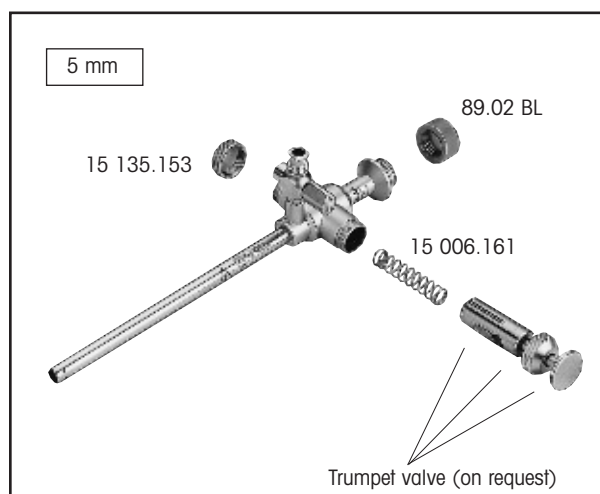


Parts	8383.210 (32cm WL)	8384.210 (45cm WL)
1) Guide Tubing	.15181.002	.15181.003
2) Outer Shaft	.N900191	.N900193
3) Sealing Cap Housing	.15072.014	.15072.014
4) Sealing Cap	.88.04GR	.88.04GR
5) Hex Head Screw	.N110061	.N110061
6) Handle Assembly	.N900177	.N900177
7) Screw	.N110092	.N110092



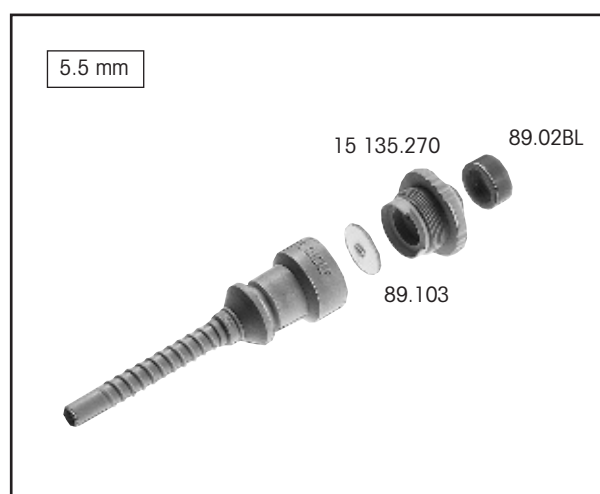
Parts	8383.240 (32cm WL)	8384.240 (45cm WL)
1) Guide Tubing	.N900128	.N900129
2) Finger Guide	.N230049	.N230049
3) Thumb-ring Assembly	.N900132	.N900132

Spare Parts for Trocar Sleeves



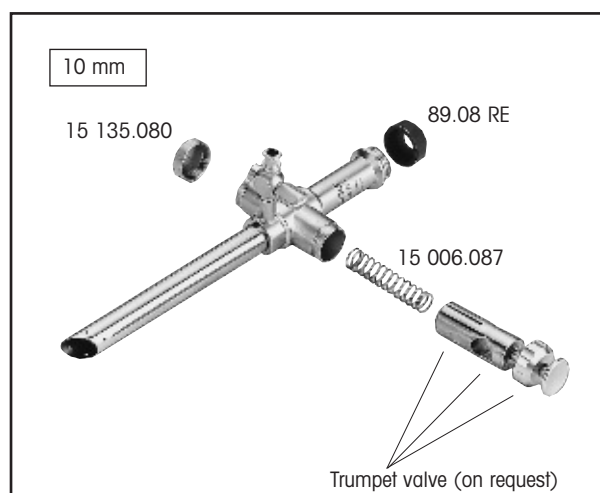
8940.01 / 8940.03

Base cover	15 135.153
Sealing caps, pkg of 12, blue	89.02 BL
Spring	15 006.161



8920.001 / 8920.003

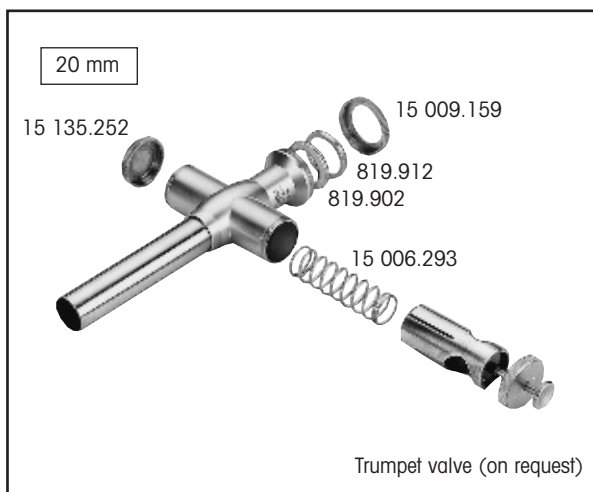
Cap housing, complete	15 135.270
Membrane valves, pkg of 10	89.103
Sealing caps, pkg of 12, blue	89.02 BL



8934.01 / 8934.03 / 8934.071

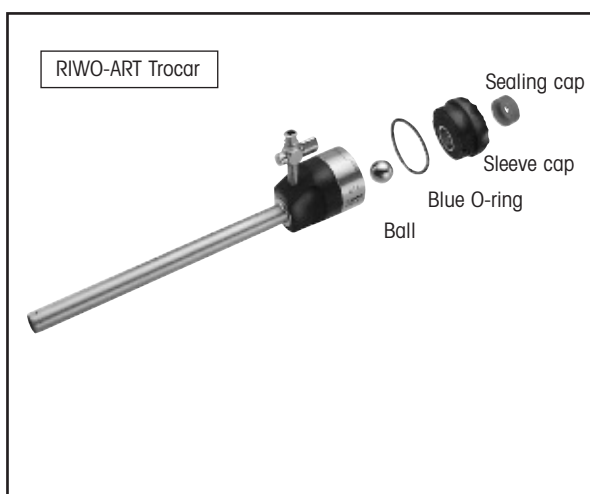
Base cover	15 135.080
Sealing caps, pkg of 12, red	89.08 RE
Spring	15 006.087

Replacement Parts for Trocar Sleeves



8945.011

Base cover	15 135.252
Union nut	15 009.159
Inner ring, metal	819.912
Washer	819.902
Spring	15 006.293



RIWO-ART Trocar

Replacement Sealing Caps

for 3.5 mm RIWO-ART trocar, 12/pkg.	.89.01 RE
for 5.5 mm RIWO-ART trocar, 12/pkg.	.89.02 BL
for 7 mm RIWO-ART trocar, 12/pkg.	89.171 BR
for 10 mm RIWO-ART trocar, 12/pkg.	.89.08 RE
for 12.5 mm RIWO-ART trocar, 12/pkg.	.89.09 BL

O-Rings

for 3.5 mm and 5.5 mm RIWO-ART trocars	8921.951
for 7 mm, 10 mm and 12.5 mm RIWO-ART trocars	8923.951

Ball Valve

for 3.5 mm and 5.5 mm RIWO-ART trocars	8921.901
for 7 mm, 10 mm and 12.5 mm RIWO-ART trocars	8923.901

Sleeve Cap

for 3.5 mm.....	15 157.190
for 5.5 mm.....	15 157.189
for 7 mm.....	15 114.043
for 10 mm.....	15 114.045
for 12.5 mm.....	15 114.044

Miscellaneous Replacement Parts

Miscellaneous Replacement Parts

O-Ring for rotatable stopcock	15364.068
RW Mount Eyepiece	8885.901

Luer Connectors

Luer connector, male,	
3 mm	886.00
4 mm	886.01
Luer connector, female,	
3 mm	891.00
4 mm	891.011
Luer lock cap	
3 mm Luer connector	887.00
4 mm Luer connector	887.01
Luer lock connector, male,	
3 mm	884.00
4 mm	884.01
Luer lock connector, two-way stopcock, male,	
3 mm	883.00
4 mm	883.01
Luer lock connector, two-way stopcock, male, water inlet from left,	
4 mm	883.12

Conical irrigation adapter for catheters: (with wide tunnel for catheters to attach two-way stopcock or locking stopcock),	
4 mm	883.01

Metal Port Fitting

Metal Instrument Port Fitting	15256.382
Mini Membrane Valve 10/pack	89.101

Flush Port Caps for forceps

plastic replacement caps, 10/pack	88.944
metal replacement cap, ea.....	887.00

Replacement Parts for Verres Cannula

8302.08/.12/.15

Stopcock knob	15039.008
Stopcock valve cap	15040.012
Pin	15020.076
Spring (inside cap)	15006.176
Luer connector	886.00

Sealing Caps

Type S:

88.00RE: 12/pkg	red	no hole
88.005RE: 12/pkg	red	up to 1mm
88.01RE: 12/pkg	red	1mm-2mm
18.01RE, long: 12/pkg	red	1mm-2mm
88.02BL: 12/pkg	blue	2mm-3mm
88.03BK: 12/pkg	black	3mm-4mm
88.04GR: 12/pkg	green	4mm-5mm

Type C:(for fittings greater than 5.5mm or less)

89.00BK: 12/pkg	black.....	up to 2mm
89.01RE: 12/pkg	red	2mm-3mm
89.02BL: 12/pkg	blue	3mm-4mm
89.03GY: 12/pkg	grey	5mm-6mm
89.04BR: 12/pkg	brown	6mm-7mm
89.05YE: 12/pkg	yellow.....	7mm-8mm
89.06GR: 12/pkg	green	8mm-9mm
89.07BK: 12/pkg	black	9mm-9.5mm

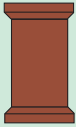
Type C:(for fittings greater than 5.5mm)

89.90RE (self sealing): 12/pkg	red	3.4mm-4.5mm
89.20RE (15mm): 12/pkg	red	no hole
89.171BR: 12/pkg	brown	6mm-7mm
89.08RE: 12/pkg	red	9.5mm-10mm
89.09BL: 12/pkg	blue	10mm-12mm
89.10RE: 12/pkg	red	13mm-14mm
89.21RE (17mm): 12/pkg	red	no hole

Sealing Membrane Valve

replacement membrane valves, 10/pack	89.103
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Sealing Cap Chart

TYPE S			TYPE C			TYPE C		
								
Sealing Cap	Color	Insert Capacity	Sealing Cap	Color	Insert Capacity	Sealing Cap	Color	Insert Capacity
88.00RE	Red	No Hole	89.00BK	Black	Up to 2mm	89.90RE (self sealing)	Red	3.4mm to 4.5mm
88.005RE	Red	Up to 1mm	89.01RE	Red	2mm to 3mm	89.20RE (15mm)	Red	No Hole
88.01RE	Red	1mm to 2mm	89.02BL	Blue	3mm to 4mm	89.171BR	Brown	6mm to 7mm
18.01RE (long)	Red	1mm to 2mm	89.03GY	Grey	5mm to 6mm	89.08RE	Red	9.5mm to 10mm
88.02BL	Blue	2mm to 3mm	89.04BR	Brown	6mm to 7mm	89.09BL	Blue	10mm to 12mm
88.03BK	Black	3mm to 4mm	89.05YE	Yellow	7mm to 8mm	89.10RE	Red	13mm to 14mm
88.04GR	Green	4mm to 5mm	89.06GR	Green	8mm to 9mm	89.21RE (17mm)	Red	No Hole
84.012	White	3-6Fr.	89.07BK	Black	9mm to 9.5mm	(End view illustrations are not shown at actual size.)		
84.022	Gray	6-9Fr.						