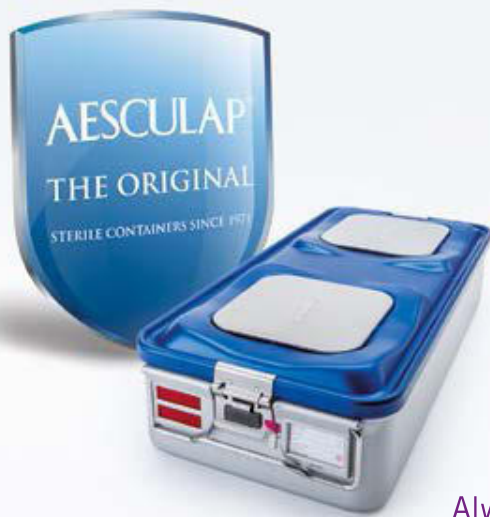




AESCULAP® STERILE CONTAINER SYSTEM

GENERAL CATALOG

OFTEN IMITATED. NEVER EQUALED THE AESCULAP ORIGINAL



Always better. From the beginning.

In 1971, Aesculap revolutionized the packaging and supply of sterile instruments with the world's first sterile container. From then up to the present day, the Aesculap original has become the universal solution and Aesculap is the global sterile container market leader.

AESCULAP® STERILE CONTAINER SYSTEM

LEADING GLOBAL SUPPLIER FOR DECADES

Aesculap, a leading manufacturer of sterile containers for over 45 years.



With the development and launch of the first real sterile container in 1971, Aesculap delivered a world first. Their innovative technology and their ease of handling have made AESCULAP® sterile containers a permanent fixture in hospitals worldwide. The use of AESCULAP® sterile containers means that the entire process can be standardized, controlled and documented: from storage to transport, through to the aseptic presentation of the sterile instruments in the operating room. Even at the disposal stage, the AESCULAP® sterile container system reliably protects users in clinics from contamination.

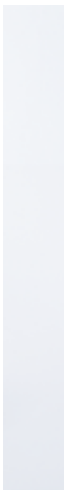
The AESCULAP® sterile container system provides customers with an extensive and clinically proven product portfolio for sterile packaging.

Various sterile container models and sizes, as well as an extensive range of accessories, comprising different basket models, together with the proven Aesculap InOS® organization system enable reliable protection for almost all surgical instrument sets.





The right instruments
at the right time
in sterile, functional condition
at the right place of use
at a high level of profitability
in a reliable packaging system



Perforated soft packaging can have serious consequences...



... Focus more on stability with the AESCULAP® Sterile Container System.

AESCULAP® STERILE CONTAINER SYSTEM

QUALITY WITHOUT COMPROMISE - MADE IN GERMANY

Innovation Factory in Tuttlingen – Innovation meets tradition

The AESCULAP® sterile container system has been manufactured at the Tuttlingen/Germany site for more than 45 years. All the components of an AESCULAP® sterile container comply with the national and international requirements and standards (e. g. DIN EN ISO 11607-1). The solid, robust design and the manufacturing technology used by Aesculap enable the sterile containers, instrument baskets and all the other components to be manufactured with very precise dimensions and a high level of stability.

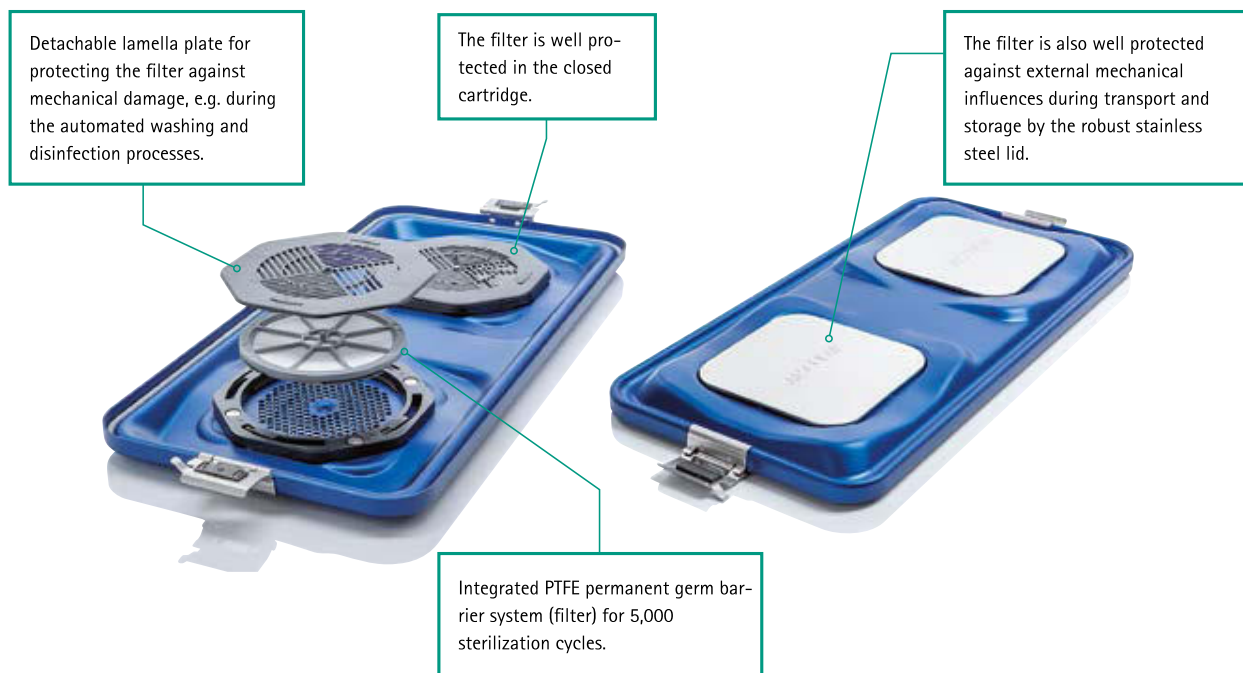


■ PRIMELine® PRO

The PRIMELine® PRO aluminum container lid is equipped with Aesculap's proven permanent germ barrier system. This system consists of a cartridge with a well-protected, integrated PTFE (polytetrafluoroethylene) filter. This germ barrier has been validated for 5,000 sterilization cycles according to EN 868-8 (2009), Annex H and therefore commonly provides lifelong function (in everyday hospital use).

As a result, typically, no filter changes are necessary, thereby saving time and process costs. A cleaning validation has been carried out for the PRIMELine® Pro lid in an automated procedure. A positive cleaning result, suitable for everyday use in the hospital, was achieved.

The cleaning result fully complied with the acceptance criteria.



- Stable, robust aluminum lid
- Typically no filter change – saves time and process costs
- Cleaning validation fully complies with the acceptance criteria
- Simple handling
- Available in 5 colors (red, blue, green, gold and silver)
- Compatible with all container bottoms (1/1, 1/2, 3/4) manufactured since 1988

AESCLAP® STERILE CONTAINER SYSTEM

ONE SYSTEM, THREE OPTIONS – PRIMELine® PRO, BASIS, VARIO

■ BASIS

The basic model made of aluminum for use with AESCLAP® single-use sterile filters or with AESCLAP® PTFE reusable filters for 1,000 sterilizations.

The Basis version can be fitted with a protective lid, if desired. However, the sterile container is still fully functional without a protective lid. The two lids can only be separated when the sterile container is opened for better cleaning. There is a push-button on the inside of the lid for this purpose.



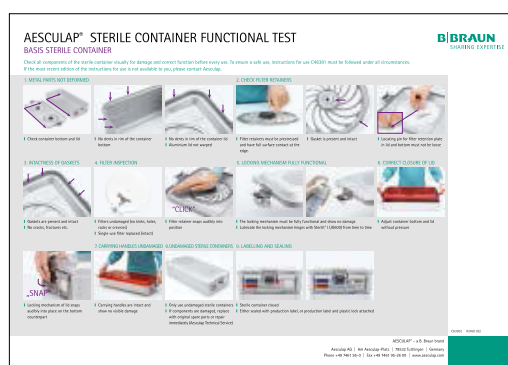
AESCULAP® STERILE CONTAINER SYSTEM

QUICK, RELIABLE AND EFFICIENT

The AESCULAP® sterile container system in daily use

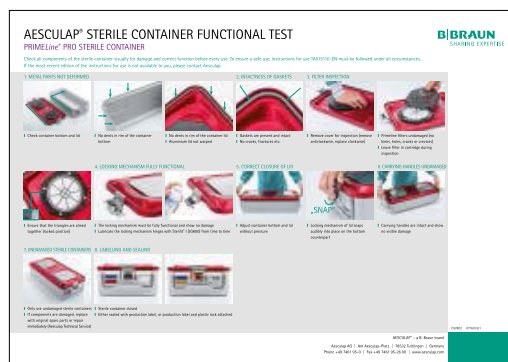
■ In the medical device reprocessing unit:

After cleaning and disinfection, a visual function check is performed and, if necessary, a new paper filter inserted.



Next, the sterile container is then sealed on both sides. The production label is then affixed. The sterile container is now ready for sterilization.

The sterile container can be labeled using the color-coded labels, e.g. with information on the contents of the basket and/or where it belongs (neuro, OR 1, building A, etc.).



The packed instrument basket is then placed in the container bottom. The lid is then put on and locked.

Sterile container sealed with the AESCULAP® plastic seal with indicator*.



Sterile container sealed with AESCULAP® indicator label*.

■ In the operating room

After sterilization and the corresponding cooling phase, the sterile containers are placed in the sterile instrument store. The instrument sets are now ready to be used again. The AESCULAP® sterile container storage period (up to 1 year) has been tested in several long-term studies. The tests proved that sterility was maintained throughout the entire period. The storage conditions used in the tests complied with ANSI/AAMI ST79.

The corresponding nursing staff bring the closed sterile containers to the operating room and check that the seals are intact and the indicator has changed. The sterile container is then opened. When it is opened, the container seals are destroyed by the locking flaps**. A nurse lifts the lid off and stands back. A check is then carried out to ensure that the filter and gasket are intact. The lid is then put down.




The surgical nurse picks the instrument set up in the sterile container and places it on the preparation table.



** Alternatively:
Break the seal
by hand.

TABLES OF DIMENSIONS PRIMELine® PRO

SIZE 1/1

Bottom 1/1		Lid		Sterile container with lid
	Outside dimensions		Outside dimensions	 Outside dimensions Inside dimensions
1.1.5.1	JK440	JP101 - JP105	588 x 281 x 36	592 x 281 x 107 544 x 258 x 75
	JK441			592 x 281 x 137 544 x 258 x 105
	JK442			592 x 281 x 152 544 x 258 x 120
1.1.5.4	JK444			592 x 281 x 204 544 x 258 x 172
	JK446			592 x 281 x 264 544 x 258 x 232

PrimeLine – Size 1/1

Sterile container bodies
without base perforation = JK



	Outside dimensions Length x Width x Height (mm)
JK440	592 x 274 x 90
JK441	592 x 274 x 120
JK442	592 x 274 x 135
JK444	592 x 274 x 187
JK446	592 x 274 x 247

Lids for individual color combination




	Color
JP001	red
JP002	blue
JP003	green
JP004	ocher
JP005	gray
JP006	anthracite
JP007	clear lid (transparent)

All dimensions: Length x Width x **Height** (mm)

PRIME*Line*® PRO

SIZE 3/4

Lids for individual color combination

	Color
JP111	red
JP112	blue
JP113	green
JP114	gold
JP115	silver






	
	JK740
	JK741
	JK742
	JK744

Solid Bottoms = JK

TABLES OF DIMENSIONS PRIMELine® PRO

SIZE 3/4




1.5.5

Bottom 3/4		Lid		Sterile container with lid	
	Outside dim.		Outside dim.		Outside dimensions Inside dimensions
JK740	470 x 274 x 90	JP111 – JP115	465 x 281 x 36		470 x 281 x 107 421 x 258 x 75
JK741	470 x 274 x 120				470 x 281 x 137 421 x 258 x 105
JK742	470 x 274 x 135				470 x 281 x 152 421 x 258 x 120
JK744	470 x 274 x 187				470 x 281 x 204 421 x 258 x 172

1.6.4

TABLES OF DIMENSIONS PRIMELine® PRO

SIZE 1/2

Bottom 1/2		Lid		Sterile container with lid
	Outside dimensions		Outside dimensions	 Outside dimensions Inside dimensions
JK339 without carrying handle	300 x 274 x 57	JP131 – JP135	298 x 281 x 36	300 x 281 x 74 260 x 265 x 35
JK340	300 x 274 x 90	JP121 – JP125	298 x 281 x 36	300 x 281 x 107 254 x 258 x 75
JK341	300 x 274 x 120	1.10.4		300 x 281 x 137 254 x 258 x 105
JK342	300 x 274 x 135			300 x 281 x 152 254 x 258 x 120
1.9.5.3 JK344	300 x 274 x 187			300 x 281 x 204 254 x 258 x 172
JK346	300 x 274 x 247			300 x 281 x 264 254 x 258 x 232

MINI STERILE CONTAINERS

Solid bottom = JK





Perforated bottom = JN




Lids for individual color combination




		Outside dimensions Length x Width x Height (mm)
JK187	JN187	310 x 132 x 30
JK188	JN188	310 x 132 x 57
	JM188*	310 x 132 x 57

	Color	Outside dimensions Length x Width x Height (mm)
JK170	red	305 x 140 x 25
JK171	blue	305 x 140 x 25
JK172	green	305 x 140 x 25
JK173	gold	305 x 140 x 25
JK174	silver	305 x 140 x 25
JM174*	silver	305 x 140 x 25

DIMENSIONS COMPLETE - Length x Width x Height (mm)

	Sterile containers, complete  Outside dimensions Inside dimensions
Bottom	with Lid
JK187	310 x 140 x 40 274 x 126 x 21
JK188	310 x 140 x 67 274 x 126 x 48

	Sterile containers, complete  Outside dimensions Inside dimensions
Bottom	with Lid
JN187	310 x 140 x 40 274 x 126 x 18
JN188	310 x 140 x 67 274 x 126 x 45
JM188*	310 x 140 x 67 274 x 126 x 45

* For low-temperature sterilisation processes with hydrogen peroxide in a Sterrad® 100S, Sterrad® 200, Sterrad® NX, Sterrad® 100NX, Steris V-Pro® 1 and Steris V-Pro® 1 Plus. To be used with disposable filter JF167 (see page 101).

INSTRUMENT BASKETS



BASKET CONFIGURATOR

ILLUSTRATIVE OVERVIEW FOR JF BASKETS

WHICH BASKET GOES WITH WHICH CONTAINER BOTTOM?



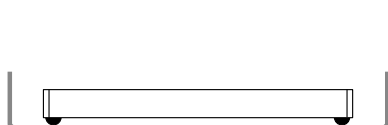
JF SERIES

- Black PEEK plastic feet for stacking
- Fold-down handles on the side
- Mat surface
- 4 mm base perforation / 2 mm side perforation
- Can be combined with Aesculap InOS®
- Sloped edges

1/1 short

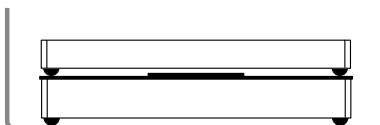
Top basket										
Basket in combination with:										
		Alone	JF211R	JF211R with lid*	JF212R	JF212R with lid*	JF213R	JF213R with lid*	JF214R	JF214R with lid*
Bottom basket	JF211R	JK440 JN440	JK441 JN441	JK441 JN441	JK441 JN442	JK442 JN442	JK442 JN444		JK444 JN444	JK444 JN444
	JF211R with lid*	JK440 JN440	JK441 JN441	JK441 JN442	JK442 JN444	JK442 JN444		JK444 JN444	JK444 JN446	JK444 JN446
	JF212R	JK440 JN441	JK441 JN442	JK442 JN442	JK442 JN444		JK444 JN444			
	JF212R with lid*	JK441 JN441	JK442 JN444	JK442 JN444		JK444 JN444		JK444 JN446		JK446 JN446
	JF213R	JK441 JN442			JK444 JN444				JK446 JN446	
	JF213R with lid*	JK442 JN444	JK444 JN444	JK444 JN444		JK444 JN446		JK446 JN446		JK446
	JF214R	JK444 JN444	JK444 JN446		JK446 JN446		JK446 JN446			
	JF214R with lid*	JK444 JN446								-

*JF217R lid



1 EXAMPLE

- Basket alone: JF212R (without lid)
- ➔ suitable container bottom: JK440 or JN441



2 EXAMPLE

- Top basket: JF212R (without lid)
- Bottom basket: JF213R with lid
- ➔ suitable container bottom: JK444 or JN444

JK = Solid bottom
(fractionated vacuum process)



JN = Perforated bottom
(gravity process)



NOTE: ■ According to EN ISO 868-8, the load must not exceed a total of 10 kg in order to avoid excessive condensate formation.
■ Caution! The inner height and therefore the appropriate basket changes depending on whether JK or JN bottoms are used.

BASKETS PROTECT VALUABLE INSTRUMENTS



GOOD REASONS FOR CHOOSING AESCULAP® INSTRUMENT BASKETS:

- Comprehensive product range offering solutions not only for use with the AESCULAP® sterile container system but also for use with single-use wrap
- Various handle designs for an easy aseptic presentation in the operating room
- Close-meshed side walls to prevent breakage of fine instrument tips
- Lids may be used additionally to better protect very fine instruments
- Compatible with the Aesculap InOS® System
- Rounded feed for stacking made of thermostable plastic or of stainless steel
- Baskets with large perforation (8 mm) specially suited for cleaning and disinfection of instruments with rough debris (e. g. bone chips)

BASKET WITH FEET WITH LARGE PERFORATION







- Handles lockable in three positions
- Large base perforation: 8 mm

		Standard 1/2	Outside dim. Inside dim.	Standard 3/4	Outside dim. Inside dim.	Standard 1/1 short	Outside dim. Inside dim.	Standard 1/1 long	Outside dim. Inside dim.
56	JH112R		243 x 253 x 56 241 x 251 x 42	JH252R	406 x 253 x 56 404 x 251 x 42	JH212R	485 x 253 x 56 483 x 251 x 42	JH222R	540 x 253 x 56 538 x 251 x 42
76	JH113R		243 x 253 x 76 241 x 251 x 62	JH253R	406 x 253 x 76 404 x 251 x 62	JH213R	485 x 253 x 76 483 x 251 x 62	JH223R	540 x 253 x 76 538 x 251 x 62
106	JH114R		243 x 253 x 106 241 x 251 x 92	JH254R	406 x 253 x 106 404 x 251 x 92	JH214R	485 x 253 x 106 483 x 251 x 92	JH224R	540 x 253 x 106 538 x 251 x 92





BASKET WITH FEET



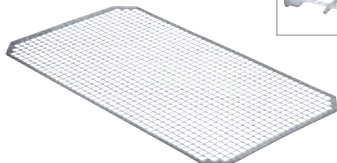

		Standard 1/2	Outside dim. Inside dim.	Standard 3/4	Outside dim. Inside dim.	Standard 1/1 short	Outside dim. Inside dim.	Standard 1/1 long	Outside dim. Inside dim.
 36	JF111R		243 x 253 x 36 241 x 251 x 22	JF251R	406 x 253 x 36 404 x 251 x 22	JF211R	485 x 253 x 36 483 x 251 x 22	JF221R	540 x 253 x 36 538 x 251 x 22
 56	JF112R		243 x 253 x 56 241 x 251 x 42	JF252R	406 x 253 x 56 1.7.4 251 x 42	JF212R	485 x 253 x 56 483 x 251 x 42	JF222R	540 x 253 x 56 1.3.4.1 251 x 42
 76	JF113R		243 x 253 x 76 241 x 251 x 62	JF253R	406 x 253 x 76 404 x 251 x 62	JF213R	485 x 253 x 76 483 x 251 x 62	JF223R	540 x 253 x 76 538 x 251 x 62
 106	JF114R		243 x 253 x 106 1.11.4.3 241 x 251 x 92	JF254R	406 x 253 x 106 404 x 251 x 92	JF214R	485 x 253 x 106 483 x 251 x 92	JF224R	540 x 253 x 106 1.3.4.3 51 x 92

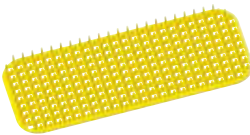
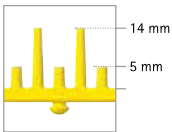
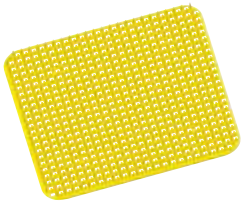
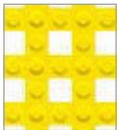
BASKET WITHOUT FEET

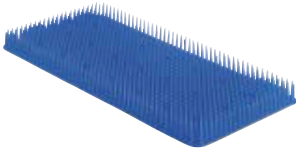




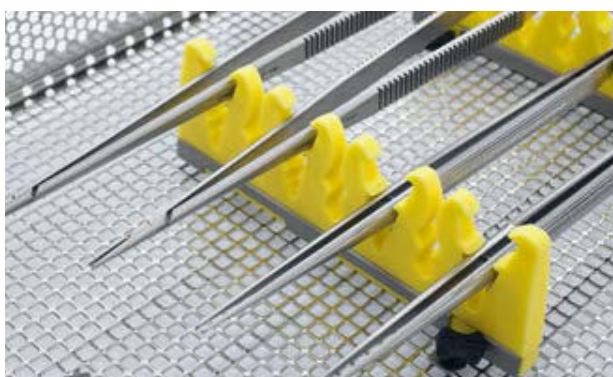
		Standard 1/2	Outside dim. Inside dim.	Standard 3/4	Outside dim. Inside dim.	Standard 1/1 short	Outside dim. Inside dim.	Standard 1/1 long	Outside dim. Inside dim.
 24	JG111R		243 x 253 x 24 241 x 251 x 22	JG251R	406 x 253 x 24 404 x 251 x 22	JG211R	485 x 253 x 24 483 x 251 x 22	JG221R	540 x 253 x 24 538 x 251 x 22
 44	JG112R		243 x 253 x 44 241 x 251 x 42	JG252R	406 x 253 x 44 404 x 251 x 42	JG212R	485 x 253 x 44 483 x 251 x 42	JG222R	540 x 253 x 44 538 x 251 x 42
 64	JG113R		243 x 253 x 64 241 x 251 x 62	JG253R	406 x 253 x 64 404 x 251 x 62	JG213R	485 x 253 x 64 483 x 251 x 62	JG223R	540 x 253 x 64 538 x 251 x 62
 94	JG114R		243 x 253 x 94 241 x 251 x 92	JG254R	406 x 253 x 94 404 x 251 x 92	JG214R	485 x 253 x 94 483 x 251 x 92	JG224R	540 x 253 x 94 538 x 251 x 92

Aesculap InOS® – INSTRUMENT ORGANISATION SYSTEM

SILICONE MATS (MESH)		Outside dim.	Art. no.
 	fitting to 1/2 basket	240 x 250 mm	JF938
	fitting to 3/4 basket	402 x 250 mm	JF940
	fitting to 1/1, short basket	480 x 250 mm	JF939
	fitting to 1/1, long basket	536 x 250 mm	JF941

SILICONE MATS WITH PERFORATION (NUBS)		Outside dim.	Art. no.
 	fitting to JF159R	248 x 102 mm	JF944
 	fitting to 1/2 basket	248 x 237 mm	JF945 1.12
	fitting to 3/4 basket	394 x 242 mm	JF947 1.8
	fitting to 1/1, short basket	472 x 242 mm	JF948
	fitting to 1/1, long basket	517 x 242 mm	JF949 1.4

POSITIONING MAT		Outside dim.	Art. no.
		470 x 230 x 30 mm	JF932
 	Mini	276 x 125 x 17 mm	JF934



NOTE:

Aesculap InOS® can be used with any Aesculap tray with 4 mm base perforation, model JF212R, JG212R, JC212R, JB212R.

It can not be used with wire trays model JF499R and with trays with 8 mm base perforation, model JH212R.

The silicone positioning mats can be used with any tray.

ACCESSORIES

IDENTIFICATION LABELS



JG785B	red
JG786B	blue
JG787B	green
JG788B	gold
JG790B	black
JG792B	olive-brown
JG793B	violet
JG794B	orange

Identification labels with lettering one line or two lines (character height 5 mm), up to 13 characters per line.
Dimensions: 56 x 18 mm
for all Standard sterile containers except JK299, JK309 and JK339

NOTE: Process aluminum identification labels with pH-neutral cleaning agent.



JG785U	red
JG786U	blue
JG787U	green
JG788U	gold
JG790U	black
JG792U	olive-brown
JG793U	violet
JG794U	orange

Identification labels without lettering

Specifications as above

NOTE: Process aluminum identification labels with pH-neutral cleaning agent.



JG645B	red
JG646B	blue
JG647B	green
JG648B	gold
JG650B	black
JG652B	olive-brown
JG653B	violet
JG654B	orange

Identification labels with lettering one line or two lines (character height 5 mm), up to 13 characters per line.
Dimensions: 50 x 18 mm
for mini-, dental-, scope sterile container, disposal container and JK299, JK309, JK339

NOTE: Process aluminum identification labels with pH-neutral cleaning agent.



JG645U	red
JG646U	blue
JG647U	green
JG648U	gold
JG650U	black
JG652U	olive-brown
JG653U	violet
JG654U	orange

Identification labels without lettering

Specifications as above


NOTE: Process aluminum identification labels with pH-neutral cleaning agent.



CONSUMABLES

REUSABLE FILTERS




	Outside dim.
JK090	Ø 190

AESCULAP® reusable filter, round for use in up to 1,000 cleaning and sterilization cycles.

Order unit (PAK): Pack of 10





	Outside dim.
JK089	225 x 225

AESCULAP® reusable filter, square for legacy standard sterile containers, service life 1,000 cleaning and sterilization cycles.

Order unit (PAK): Pack of 10




1.13.3

	Outside dim.
	
JK091	95 x 215

AESCULAP® reusable filter for mini, dental and scope sterile containers with filter retention plate JK098, service life 1,000 cleaning and sterilization cycles.

Order unit (PAK): Pack of 2



	Outside dim.
JK092	171 x 231

AESCULAP® reusable filter for dental sterile containers without filter retention plate JK098, service life 1,000 cleaning and sterilization cycles.

Order unit (PAK): Pack of 2

MARKING PENS



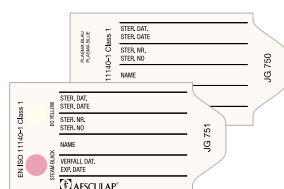
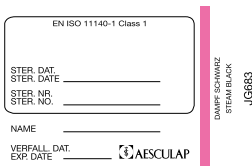
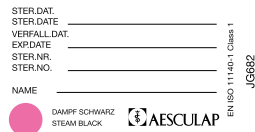
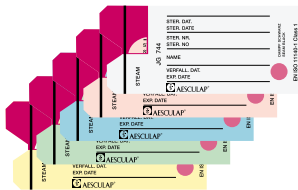
JK086

Marking pen for AESCULAP® reusable filters

Order unit (PAK): Pack of 3

CONSUMABLES

INDICATOR LABELS



Standard	Color	Outside dim.
JG744	white	80 x 35
JG745	red	80 x 35
JG746	blue	80 x 35
JG747	green	80 x 35
JG748	yellow	80 x 35

Standard	Outside dim.
JG743	80 x 35

Mini Dental	Outside dim.
JG687	60 x 18

	Outside dim.
JG682	67 x 40

	Outside dim.
JG683	67 x 40

Scope	Outside dim.
JG750	67 x 35
JG751	67 x 35

Indicator seal with adhesive back and process indicator for steam sterilization*; safeguarding the sterile container against unauthorized opening. For standard sterile containers.

Order unit (PAK): Pack of 1,000

Seal without adhesive back and process indicator for steam sterilization; safeguarding the sterile container against unauthorized opening. For standard sterile containers.

Order unit (PAK): Pack of 1,000

Indicator label with adhesive back and process indicator for steam sterilization* for mini and dental sterile containers, container bottom JK339.

Order unit (PAK): Pack of 100

Indicator label with process indicator for steam sterilization* for legacy standard sterile containers.

Order unit (PAK): Pack of 1,000

Indicator label with adhesive back and process indicator for steam sterilization, for legacy standard sterile containers.

Order unit (PAK): Pack of 1,000

Identification label with adhesive back and process indicator for Sterrad® gas plasma sterilisation.

Order unit (PAK): Pack of 100

Identification label with adhesive back and process indicator for steam sterilisation* and sterilisation with ethylene oxide.

Order unit (PAK): Pack of 100

SEALS



JG738

JG739

Seal - safeguarding the sterile container against unauthorized opening.

Order unit (PAK): Pack of 100

Order unit (PAK): Pack of 1,000



JG739W

Seal - for AESCULAP® sterile container till year of construction 1987 and AESCULAP® mini and dental sterile containers till year of construction 1999 (locking flap at the container bottom).

Order unit (PAK): Pack of 1,000



JG740

Repair stamp - for marking instruments for repair or sterile containers holding materials due for repair.

Order unit (PAK): Pack of 1,000



JG752

JG753

Seal - safeguarding the sterile container against unauthorized opening, with process indicator for steam sterilization*.

Order unit (PAK): Pack of 100

Order unit (PAK): Pack of 1,000

* acc. to EN ISO 11140-1 type 1