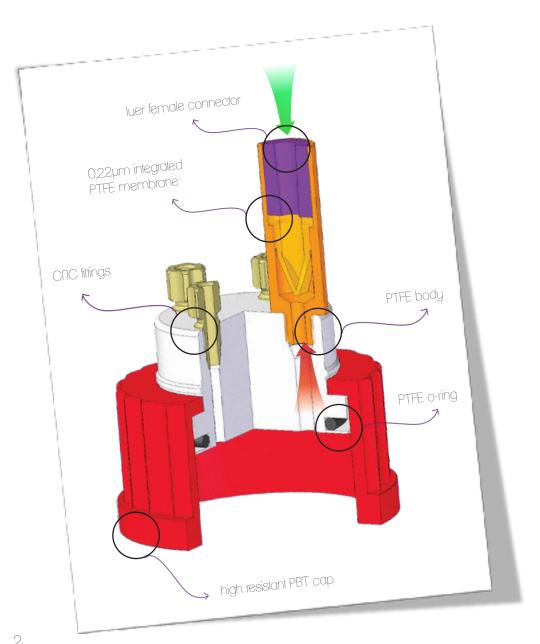


# SAFETY CAPS FOR ELUENT BOTTLES



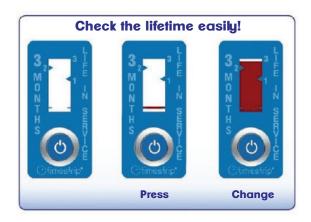




Longer lifetime with POM precision CNC fittings. Available sizes for almost all tubing diameters.

- >>> Protect your laboratory environment.

  The safety system offers protection
  and ensures safer work in lab.
- Easy to use, no more twisting tubes.
- Protect your HPLC systems.
  The integrated PTFE membrane captures dust and other contaminants from the air.



Part No.	Description	Unit
Vision Safety Cap		
VLV-SF1	Shut-off valve for Safety Caps with 1/4"-28 port	1 / package
VLV-SF1-03	Shut-off valve for Safety Caps with 1/4"-28 port	3 / package
VLV-SF1-10	Shut-off valve for Safety Caps with 1/4"-28 port	10 / package
VLV-F01-10	Syringe filter adaptor for Safety Caps for 1/4"-28 port	10 / package

Trademarks
Timestrip® is a registered trademark of Timestrip UK Ltd.
Disclaimer
VISIONEC-Lab Ltd. is not affiliated with Timestrip UK Ltd.

### SAFETY CAPS FOR WASTE CONTAINERS

High surface area (560m²/g) multi compound adsorbent. Compared to normal activated charcoal filters it also adsorbs basic and acidic compounds which brings extra protection for your lab.



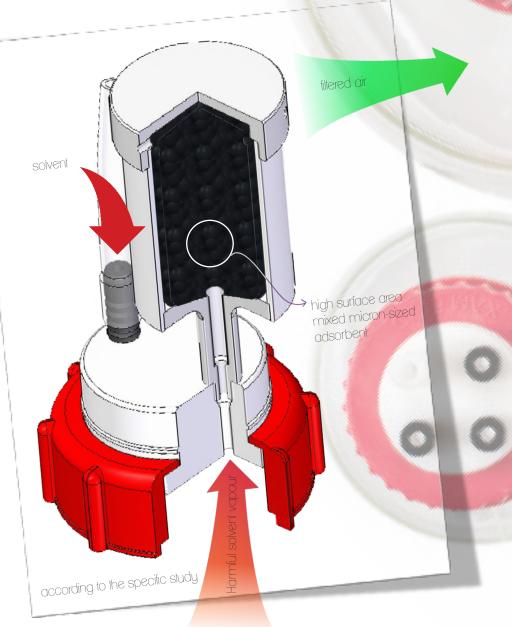
With Timestrip® sticker.
You do not have to note the installation date.
You can easily decide when to change the filters.

Available in many different cap sizes. From 40mm glass bottles up to 61mm wide canisters.

Barbed POM and PTFE waste connectors.
 For easy, fast and convinient connection of the silicone and PTFE waste tubings from your HPLC system.

>>> Different connectors are available.

Vision Safety Caps can be connected to all HPLC systems.



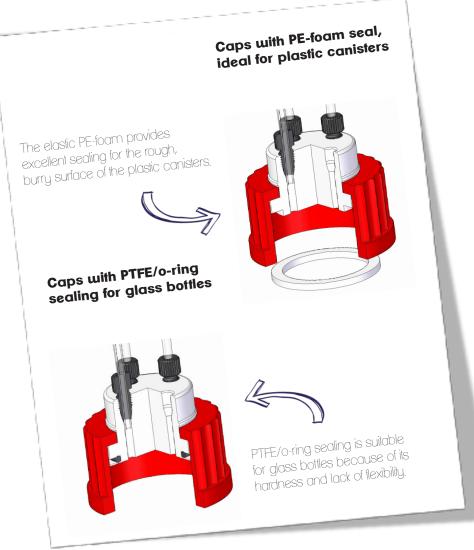
Trademarks
Timestrip® is a registered trademark of Timestrip UK Ltd.
Disclaimer
VISIONEC-Lab Ltd. is not affiliated with Timestrip UK Ltd.



## SAFETY CAPS FOR WASTE CONTAINERS

SPECIAL SAFETY CAPS FOR PLASTIC CANISTERS





#### Did You Know?

DIN45 (plastic canisters) and GL45 (glass bottles) thread-sizes are almost identical but still there is a small difference (~0,5-1 mm) thus GL45 caps with o-ring type sealings on plastic canisters might leak For plastic canisters please use Safety Caps equipped with elastic PE-foam sealings.

# PART NUMBERS

### **ELUENT**

Part No.	Description	
Vision Safety Caps with Shut-off Valve		
VLC40-2A-SF	S40 (Merck) Safety Cap with 2 ports Including 1x shut-off valve, $1 \times 1/4$ "-28 fitting for $1/8$ " tubing	
VLC45-2A-SF	GL45 Safety Cap with 2 ports Including 1x shut-off valve, $1 \times 1/4$ "-28 fitting for $1/8$ " tubing	
VLC45-3A-SF	GL45 Safety Cap with 3 ports Including 1x shut-off valve, $2 \times 1/4$ "-28 fitting for $1/8$ " tubing	
VLC45-4A-SF	GL45 Safety Cap with 4 ports Including 1x shut-off valve, $3 \times 1/4$ "-28 fitting for $1/8$ " tubing	
VLC45-5A-SF	GL45 Safety Cap with 5 ports Including 1x shut-off valve, $4 \times 1/4$ "-28 fitting for $1/8$ " tubing	
VLC45-6A-SF	GL45 Safety Cap with 6 ports Including 1x shut-off valve, $5 \times 1/4$ "-28 fitting for $1/8$ " tubing	
VLC45-7A-SF	GL45 Safety Cap with 7 ports Including 1x shut-off valve, $6 \times 1/4$ "-28 fitting for $1/8$ " tubing	
VLC45-1B-SF	GL45 Safety Cap prep (1/4") with 2 ports Including 1x shut-off valve, 1 x M10x1 fitting for 1/4" tubing	
VLC45-1C-SF	GL45 Safety Cap prep (3/16") with 2 ports Including 1x shut-off valve, 1 x 5/16"-24 fitting for 3/16" tubing	
VLC45-1D-SF	GL45 Safety Cap prep (4mm) with 2 ports Including 1x shut-off valve, 1 x $5/16$ "-24 fitting for 4mm tubing	
VLC45-2B-SF	GL45 Safety Cap prep (1/4") with 3 ports Including 1x shut-off valve, $2 \times M10 \times 1$ fitting for 1/4" tubing	
VLC45-2C-SF	GL45 Safety Cap prep (3/16") with 3 ports Including 1x shut-off valve, 2 x 5/16"-24 fitting for 3/16" tubing	
VLC45-2D-SF	GL45 Safety Cap prep (4mm) with 3 ports Including 1x shut-off valve, $2 \times 5/16$ "-24 fitting for 4mm tubing	
VLC61-2A-SF	S60/S61 Safety Cap with 2 ports Including 1x shut-off valve, 1 x $1/4$ "-28 fitting for $1/8$ " tubing	
VLC61-1B-SF	S60/S61 Safety Cap prep (1/4") with 2 ports Including 1x shut-off valve, 1 x M10x1 fitting for 1/4" tubing	
VLC61-1C-SF	S60/S61 Safety Cap prep (3/16") with 2 ports Including 1x shut-off valve, 1 x 5/16"-24 fitting for 3/16" tubing	
VLC61-1D-SF	S60/S61 Safety Cap prep (4mm) with 2 ports Including 1x shut-off valve, 1 x 5/16"-24 fitting for 4mm tubing	

Part No.	Description	
Vision Safety Caps with Luer Adaptor		
VLC45-2A-F	GL45 Safety Cap with 2 ports Including 1x Syringe filter adaptor, $1 \times 1/4$ "-28 fitting for $1/8$ " tubing	
VLC45-3A-F	GL45 Safety Cap with 3 ports Including 1x Syringe filter adaptor, 2 x 1/4"-28 fitting for 1/8" tubing	
VLC45-4A-F	GL45 Safety Cap with 4 ports Including 1x Syringe filter adaptor, $3 \times 1/4$ "-28 fitting for $1/8$ " tubing	
VLC45-1B-F	GL45 Safety Cap prep (1/4") with 2 ports Including 1x Syringe filter adaptor, 1 x M10x1 fitting for 1/4" tubing	
VLC45-1C-F	GL45 Safety Cap prep (3/16") with 2 ports Including 1x Syringe filter adaptor, 1 x 5/16"-24 fitting for 3/16" tubing	
VLC45-1D-F	GL45 Safety Cap prep (4mm) with 2 ports Including 1x Syringe filter adaptor, 1 x 5/16"-24 fitting for 4mm tubing	
VLC45-2B-F	GL45 Safety Cap prep (1/4") with 3 ports Including 1x Syringe filter adaptor, 2 x M10x1 fitting for $1/4$ " tubing	
VLC45-2C-F	GL45 Safety Cap prep (3/16") with 3 ports Including 1x Syringe filter adaptor, 2 x 5/16"-24 fitting for 3/16" tubing	
VLC45-2D-F	GL45 Safety Cap prep (4mm) with 3 ports Including 1x Syringe filter adaptor, 2 x 5/16"-24 fitting for 4mm tubing	
100		

Part No.	Description	Unit
Vision Safety Cap Accessories		
VLV-SF1	Shut-off valve for Safety Caps with 1/4"-28 port	1 / package
VLV-SF1-03	Shut-off valve for Safety Caps with 1/4"-28 port	3 / package
VLV-SF1-10	Shut-off valve for Safety Caps with 1/4"-28 port	10 / package
VLV-F01	Syringe filter adaptor for Safety Caps for 1/4"-28 port	1 / package
VLV-F01-03	Syringe filter adaptor for Safety Caps for 1/4"-28 port	3 / package
VLV-F01-10	Syringe filter adaptor for Safety Caps for 1/4"-28 port	10 / package

## PART NUMBERS

### WASTE

Part No.	Description
Vision Waste Caps	for bottles
VLC45-0001-TW	Safety Cap with 2 ports for GL45 bottles $1 \times 1/4$ "-28 fitting for $1/8$ " tubing + open port for exhaust filter
VLC45-0002-TW	Safety Cap with 3 ports for GL45 bottles $2 \times 1/4$ "-28 fitting for $1/8$ " tubing + open port for exhaust filter
VLC45-0003-TW	Safety Cap with 4 ports for GL45 bottles $3 \times 1/4$ "-28 fitting for $1/8$ " tubing + open port for exhaust filter
VLC45-0004-TW	Safety Cap prep (1/4") with 2 ports for GL45 bottles $1 \times M10 \times 1$ fitting for 1/4" tubing + open port for exhaust filter
VLC45-0005-TW	Safety Cap prep $(1/4")$ with 3 ports for GL45 bottles $2 \times M10 \times 1$ fitting for $1/4"$ tubing + open port for exhaust filter
VLC45-0006-TW	Safety Cap prep (3/16") with 2 ports for GL45 bottles $1 \times 5/16$ "-24 fitting for 3/16" tubing + open port for exhaust filter
VLC45-0007-TW	Safety Cap prep (3/16") with 3 ports for GL45 bottles $2 \times 5/16$ "-24 fitting for 3/16" tubing + open port for exhaust filter
VLC45-0008-TW	Safety Cap with 3 ports for GL45 bottles $1 \times 1/4$ "-28 fitting for $1/8$ " tubing, $1 \times 1/4$ "-28 fitting for $1/8$ " tubing $1 \times 1/4$ " tubi
VLC45-0009-TW	Safety Cap with 3 ports for GL45 bottles 2 x barbed connector for 7-8mmID tubing + open port for exhaust filter
VLC45-0010-TW	Safety Cap with 4 ports for GL45 bottles $2 \times 1/4$ "-28 fitting for $1/8$ " tubing, $1 \times 1/4$ 0 bottles tubing + open port for exhaust filter
VLC45-0011-TW	Safety Cap with 2 ports for GL45 bottles 1 x barbed connector for 7-8mmID tubing + open port for exhaust filter
VLC45-0012-TW	Safety Cap with 2 ports for GL45 bottles $1 \times 1/4$ "-28 fitting for $1/8$ " tubing + space saving open port for exhaust filter (90°)
VLC45-0013-TW	Safety Cap with 4 ports for GL45 bottles $2 \times 1/4$ "-28 fitting for $1/8$ " tubing, $1 \times 1/4$ barbed connector for 7-8mm ID tubing + space saving open port for exhaust filter (90°)
VLC45-0015-TW	Safety Cap with 5 ports for GL45 bottles $4 \times 1/4$ "-28 fitting for $1/8$ " tubing + open port for exhaust filter
VLC45-0016-TW	Safety Cap with 6 ports for GL45 bottles $4 \times 1/4$ "-28 fitting for $1/8$ " tubing, $1 \times 1/4$ 0 barbed connector for 7-8mm ID tubing $+$ open port for exhaust filter

Part No.	Description
Vision Waste Caps	s for plastic canisters
VLC45-D001-TW	Safety Cap with 2 ports for DIN45 canisters 1 x 1/4"-28 fitting for 1/8" tubing + open port for exhaust filter
VLC45-D002-TW	Safety Cap with 3 ports for DIN45 canisters $2 \times 1/4$ "-28 fitting for $1/8$ " tubing + open port for exhaust filter
VLC45-D003-TW	Safety Cap with 4 ports for DIN45 canisters 3 x 1/4"-28 fitting for 1/8" tubing + open port for exhaust filter
VLC45-D004-TW	Safety Cap prep $(1/4'')$ with 2 ports for DIN45 canisters 1 x M10x1 fitting for $1/4''$ tubing + open port for exhaust filter
VLC45-D005-TW	Safety Cap prep (1/4") with 3 ports for DIN45 canisters 2 x M10x1 fitting for 1/4" tubing + open port for exhaust filter
VLC45-D006-TW	Safety Cap prep (3/16") with 2 ports for DIN45 canisters 1 x 5/16"-24 fitting for 3/16" tubing + open port for exhaust filter
VLC45-D007-TW	Safety Cap prep (3/16") with 3 ports for DIN45 canisters 2 x 5/16"-24 fitting for 3/16" tubing + open port for exhaust filter
VLC45-D008-TW	Safety Cap with 3 ports for DIN45 canisters $1 \times 1/4$ "-28 fitting for $1/8$ " tubing, $1 \times 1/4$ "-28 fitting for exhaust filter
VLC45-D009-TW	Safety Cap with 3 ports for DIN45 canisters 2 x barbed connector for 7-8mmID tubing + open port for exhaust filter
VLC45-D010-TW	Safety Cap with 4 ports for DIN45 canisters $2 \times 1/4$ "-28 fitting for $1/8$ " tubing, $1 \times 1/4$ tubing + open port for exhaust filter
VLC45-D011-TW	Safety Cap with 2 ports for DIN45 canisters  1 x barbed connector for 7-8mmID tubing + open port for exhaust filter
VLC45-D012-TW	Safety Cap with 2 ports for DIN45 canisters $1 \times 1/4$ "-28 fitting for $1/8$ " tubing + space saving open port for exhaust filter (90°)
VLC45-D013-TW	Safety Cap with 4 ports for DIN45 canisters $2 \times 1/4$ "-28 fitting for $1/8$ " tubing, $1 \times 1/4$ barbed connector for 7-8mm ID tubing + space saving open port for exhaust filter (90°)
VLC45-D015-TW	Safety Cap with 5 ports for DIN45 canisters $4 \times 1/4$ "-28 fitting for $1/8$ " tubing + open port for exhaust filter
VLC45-D016-TW	Safety Cap with 6 ports for DIN45 canisters $4 \times 1/4$ "-28 fitting for $1/8$ " tubing, $1 \times 1/8$ barbed connector for 7-8mm ID tubing $1/8$ tubing + open port for exhaust filter

	-100 to 200 - 500				
	Part No.	Description			
	Vision Waste Caps for plastic canisters				
	VLC50-D008-TW	Safety Cap with 3 ports for S50 save saving canisters $1 \times 1/4$ "-28 fitting for $1/8$ " tubing, $1 \times 1/4$ " tubing + open port for exhaust filter			
	VLC50-D010-TW	Safety Cap with 4 ports for S50 save saving canisters $2 \times 1/4$ "-28 fitting for $1/8$ " tubing, 1 x barbed connector for 7-8mm ID tubing + open port for exhaust filter			
	VLC50-D011-TW	Safety Cap with 2 ports for S50 save saving canisters $1 \times 1 $			
	VLC61-0001-TW	S60/S61 Safety Cap with 2 ports $1 \times 1/4$ "-28 fitting for $1/8$ " tubing + open port for exhaust filter			
	VLC61-0003-TW	S60/S61 Safety Cap with 4 ports $3 \times 1/4$ "-28 fitting for $1/8$ " tubing + open port for exhaust filter			
	VLC61-0008-TW	S60/S61 Safety Cap with 3 ports $1 \times 1/4$ "-28 fitting for $1/8$ " tubing, $1 \times 1/4$ "-28 fitting for exhaust filter			
	VLC61-0009-TW	S60/S61 Safety Cap with 5 ports $3 \times 1/4$ "-28 fitting for $1/8$ " tubing, $1 \times 1/4$ "-28 fitting for $1/8$ " tubing $1 \times 1/4$ " tubing $1 \times 1$			
	VLC61-0010-TW	S60/S61 Safety Cap with 4 ports $2 \times 1/4$ "-28 fitting for 1/8" tubing, 1 x barbed connector for 7-8mm ID tubing + open port for exhaust filter			
	VLC61-0011-TW	S60/S61 Safety Cap with 2 ports 1 x barbed connector for 7-8mm ID tubing + open port for exhaust filter			
	VLC61-0009-SS	S60/S61 Safety Cap with 5 ports Including Short exhaust filter (3 months), 3 x $1/4$ "-28 fitting for $1/8$ " tubing, 1 x barbed connector for 7-8mm ID tubing			
\" ·	VLC61-0009-MS	S60/S61 Safety Cap with 5 ports Including Medium exhaust filter (6 months), 3 x $1/4$ "-28 fitting for $1/8$ " tubing, 1 x barbed connector for 7-8mm ID tubing			
	VLC61-0010-SS	S60/S61 Safety Cap with 4 ports Including Short exhaust filter (3 months), 2 x $1/4$ "-28 fitting for $1/8$ " tubing, 1 x barbed connector for 7-8mm ID tubing			
	VLC61-0010-MS	S60/S61 Safety Cap with 4 ports Including Medium exhaust filter (6 months), 2 x $1/4$ "-28 fitting for $1/8$ " tubing, 1 x barbed connector for 7-8mm ID tubing			
	VLC61-0011-SS	S60/S61 Safety Cap with 2 ports Including Short exhaust filter (3 months), 1 x barbed connector for 7-8mm ID tubing			

S60/S61 Safety Cap with 2 ports Including Medium exhaust filter (6 months), 1 x barbed connector for 7-8mm ID tubing

VLC61-0011-MS

Part No.	Description	
Canisters and tray	S	
VLK45-05	5L Canister with DIN45 thread port 182x260x141mm, natur HDPE, ADR Y1,5	
VLK45-10	10L Canister with DIN45 thread port 228x304x186mm, natur HDPE, ADR Y1,8	
VLK50-05	5L Space Saving Canister with S50 thread port 335x335x65mm, natur PP	
VLK61-20	20L Canister with DIN61 thread port 242x387x291mm, natur HDPE, ADR Y1,9	
VLT-001	ESD Collecting tray 400x300x170mm, black, 15l	
VLT-002	ESD Collecting tray 300x200x170mm, black, 7,6l	
VLT-003	Collecting tray 300x200x170mm, blue, 7l	
Part No.	Description	Unit
Exhaust Filters for	Vision Caps	
VLE-F03	Short exhaust filter (3 months) for 1/4"-28 port	1 / package
VLE-F03-04	Short exhaust filter (3 months) for 1/4"-28 port	4 / package
VLE-F04	Medium exhaust filter (6 months) for 1/4"-28 port	1 / package
VLE-F04-02	Medium exhaust filter (6 months) for 1/4"-28 port	2 / package
Exhaust Filters for	SCAT Caps	
VLE-S03	Short exhaust filter (3 months) for SCAT type port	1 / package
VLE-S03-04	Short exhaust filter (3 months) for SCAT type port	4 / package
VLE-S04	Medium exhaust filter (6 months) for SCAT type port	1 / package
VLE-S04-02	Medium exhaust filter (6 months) for SCAT type port	2 / package
VLE-S04-03	Medium exhaust filter (6 months) for SCAT type port	3 / package
Part No.	Description Ur	nit
Adsorbents		
VLR-W01-9500	Absodan Universal' Granular Absorbent 9500g - universal absorbent for oils, acids, bases, 95 aqueous and organic solvents.	00g

### PART NUMBERS

#### STARTER KITS

10

Part No.	Description		
Eluent Starter k	Eluent Starter Kits		
VLS45-4001	GL45 starter KIT Including 4x VLC45-2A-SF		
VLS45-4002	GL45 starter KIT Including 3x VLC45-2A-SF, 1x VLC45-3A-SF, 1x 1/4"-28 blind plug		
VLS45-4003	GL45 starter KIT Including 4x VLC45-3A-SF, 4x 1/4"-28 blind plug		
VLS45-4004	GL45 starter KIT Including 3x VLC45-2A-SF, 1x VLC45-4A-SF, 2x 1/4"-28 blind plug		
VLS45-4005	GL45 starter KIT Including 3x VLC45-2A-SF, 1x VLC45-5A-SF, 3x 1/4"-28 blind plug		
VLS45-4006	GL45 starter KIT Including 3x VLC45-2A-SF, 1x VLC45-6A-SF, 4x 1/4"-28 blind plug		

SAFETY CAPS



STARTER KIT

### FITTINGS & FUNNELS

Part No.	Description	Unit
1/16" Tubings		
VLA-E01-03	1/4"-28 fitting for 1/16" tubing	3 / package
VLA-E01-10	1/4"-28 fitting for 1/16" tubing	10 / package
1/8" Tubings		
VLA-A01-03	1/4"-28 fitting for 1/8" tubing	3 / package
VLA-A01-10	1/4"-28 fitting for 1/8" tubing	10 / package
VLA-A02-03	Blind plug for 1/4"-28 port	3 / package
VLA-A02-10	Blind plug for 1/4"-28 port	10 / package
2mm Tubings		
VLA-F01-03	1/4"-28 fitting for 2mm tubing	3 / package
VLA-F01-10	1/4"-28 fitting for 2mm tubing	10 / package
1/4" Tubings		
VLA-B01-03	M10x1 fitting for 1/4" tubing	3 / package
VLA-B01-10	M10x1 fitting for 1/4" tubing	10 / package
VLA-B02-03	Blind plug for M10x1	3 / package
VLA-B02-10	Blind plug for M10x1	10 / package
3/16" Tubings		,
VLA-C01-03	5/16"-24 fitting for 3/16" tubing	3 / package
VLA-C01-10	5/16"-24 fitting for 3/16" tubing	10 / package
VLA-C02-03	Blind plug for 5/16"-24	3 / package
VLA-C02-10	Blind plug for 5/16"-24	10 / package

Part No.	Description	Unit
Funnels		
VLF45-0001	Medium size safety funnel with ball for DIN45 canisters	Ea
VLF61-0002	Large size safety funnel with lid for S61 canisters	Ea
VLF45-0002	Large size safety funnel with lid for S45 canisters	Ea

Part No.	Description	Unit
4mm Tubings		
VLA-D01	5/16"-24 fitting for 4mm tubing	3 / package
VLA-D01-10	5/16"-24 fitting for 4mm tubing	10 / package
7-8mm Tubings		
VLV-B01	Barbed connector for 7-8mm ID tubing	1 / package
VLV-B01-03	Barbed connector for 7-8mm ID tubing	3 / package
VLV-B01-10	Barbed connector for 7-8mm ID tubing	10 / package
VLV-Y01	Y barbed connector for 7-8mm ID tubings	1 / package
VLV-Y01-03	Y barbed connector for 7-8mm ID tubings	3 / package
VLV-Y01-10	Y barbed connector for 7-8mm ID tubings	10 / package
Sealings		
VLO45-10	PE-foam sealing for DIN45 Safety Caps	10 / package
VLO61-10	PE-foam sealing for S60/61 Safety Caps	10 / package
High pressure fittir	ngs	
VLA-H01-10	10-32 high pressure fitting for 1/16" tubing	10 / package
VLA-H02-10	10-32 long high pressure fitting for 1/16" tubing	10 / package
VLA-H03-10	5/16"-24 high pressure fitting for 1/8" tubing	10 / package
VLA-H04-10	5/16"-24 high pressure fitting for 1/16" tubing	10 / package
VLA-Z01	ZDV for 1/16" tubings	Ea
VLA-Z02	ZDV for 1/8" tubings	Ea
Flat bottom fittings	5	
VLA-G01-10	1/4"-28 flangeless flat bottom fitting and ferrul for 1/8" tubings	10 / package
VLA-G02-10	1/8" flangeless ferrul for 1/4"-28 flat bottom fitting (POM)	10 / package
VLA-G03-10	1/8" flangeless ferrul for 1/4"-28 flat bottom fitting (PTFE)	10 / package
Adaptors		
VLA-S01-03	Adaptor for 1/4"-28 to SCAT type connector	3 / package
VLA-S01-10	Adaptor for 1/4"-28 to SCAT type connector	10/ package

Trademarks
Timestrip® is a registered trademark of Timestrip UK Ltd.
Disclaimer
VISIONEC-Lab Ltd. is not affiliated with Timestrip UK Ltd.

