

# Multivapor™ Adapter Guide 2017









The Multivapor™ Adapter Guide lists the full range of tube adapters for the P-6 and P-12 configurations. All adapters of the same format (i.e. P-6 or P-12) can be mixed arbitrarily in the transfer rack as the outer dimensions are identical. Each adapter set comprises 6 or 12 adapters with the corresponding seals and springs.

Extra seals are recommended as spare parts. The standard material of the adapters is PETP. For very harsh conditions PEEK alternatives are available on request. Retaining springs facilitate the opening of the cover. Blank adapters are recommended to close vacant positions. With the help of label rings - available in two colors - similar adapters can easily be distinguished.

## A) Common adapter accessories

Order no.	Item	P-6	P-12	Your order	Picture
11055812	One blank PETP adapter P-12		✓	<input type="checkbox"/>	
11058341	One blank PEEK adapter P-12		✓	<input type="checkbox"/>	
11055811	One blank PETP adapter P-6	✓		<input type="checkbox"/>	
11058342	One blank PEEK adapter P-6	✓		<input type="checkbox"/>	
044856	Set consisting of 60 PE frits	✓	✓	<input type="checkbox"/>	
051490	Set consisting of 60 small PE frits for 11057239 and 11057240		(✓)	<input type="checkbox"/>	
048756	Set consisting of 12 adapter springs	✓	✓	<input type="checkbox"/>	
049617	Set consisting of 12 green label rings		✓	<input type="checkbox"/>	
049618	Set consisting of 12 black label rings		✓	<input type="checkbox"/>	
048867	Set consisting of 12 EPDM rings for vacuum cover	✓	✓	<input type="checkbox"/>	
048827	Set consisting of 12 FKM rings for vacuum cover	✓	✓	<input type="checkbox"/>	
048849	Set consisting of 12 FFKM rings for vacuum cover		✓	<input type="checkbox"/>	
053132	Set consisting of 6 FFKM rings for vacuum cover	✓		<input type="checkbox"/>	
048740	Set Rotavapor connection	✓	✓	<input type="checkbox"/>	
11059288	Set consist of 6 P-6 Adapter rings to use P-12 adapters on a P-6 rack	✓		<input type="checkbox"/>	

## B) Multivapor™ P-12 threaded tubes



Tube adapter set with seals and springs (qty. 12)				Compatible glassware		
Adapter for:	PETP	PEEK	Extra seals	Distributor or supplier (dimensions, volume/ working volume)	Order no. <sup>2)</sup>	Picture
BUCHI standard tube P-12 (round bottom), SpeedExtractor tube (flat bottom) and Supelco screw cap vial  Generally: Fits to SVL 22 and GPI 24-400 screw threads	11057082 <input type="checkbox"/>	11057178 <input type="checkbox"/>	11057468 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>BUCHI: Set of 25 BUCHI standard round bottom tubes (27 x 140 mm, 60mL/ 30mL)</li> <li>BUCHI: Set of 72 SpeedExtractor flat bottom tubes (27 x 135mm, 60 mL/ 30mL)</li> </ul>	049662 <input type="checkbox"/> 049535 <input type="checkbox"/>	
Radleys Carousel 12 Reaction Station tubes	11057084 <input type="checkbox"/>	11057185 <input type="checkbox"/>	11057468 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>RDT: Set of 12 threaded reaction tubes (24 x 150 mm, 60 mL/ 30 mL)</li> </ul>	RR98062	
Quick-Thread Radleys Carousel 12 Reaction Station tubes	11056863 <input type="checkbox"/>	n.a.	11057468 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>RDT: Set of 12 Quick-Thread Glass Reaction tubes (24 x 150mm, 60mL/30mL)</li> </ul>	RR91081	
Disposable conical polypropylene  Falcon tubes with an outer diameter of 30 mm and an approximate length of 115 mm	11057194 <input type="checkbox"/>	11057195 <input type="checkbox"/>	No gasket	<ul style="list-style-type: none"> <li>VWR: Set of 500 conical polypropylene centrifuge tube (29 x 115 mm, 50 mL/25 mL)</li> <li>Fisher: only Falcon BlueMax tubes (29x 115, 50 mL/ 25 mL)</li> </ul>	525-4216 14-432-22	
Disposable conical polypropylene Falcon tubes with an outer diameter of 17 mm and an approximate length of 115 mm	11057083 <input type="checkbox"/>	11057181 <input type="checkbox"/>	11057468 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>VWR: Set of 500 conical polypropylene centrifuge tube (17 x 115 mm, 15 mL/8 mL)</li> <li>Fisher: only Falcon BlueMax tubes</li> </ul>	734-0452 05-527-90	
GL 25 threaded tube typically used for Duran® laboratory bottles	11057085 <input type="checkbox"/>	<sup>1)</sup> <input type="checkbox"/>	11057468 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>OMNILAB: Centrifuge tube (24 x 100mm, 23mL/ 10mL)</li> </ul>	n.a.	
GL 32 threaded tube typically used for Duran® laboratory bottles	11057191 <input type="checkbox"/>	<sup>1)</sup> <input type="checkbox"/>	11057468 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>OMNILAB: Centrifuge tube (34 x 100 mm, 45 mL/ 20mL)</li> </ul>	n.a.	
Pyrex tubes with screw caps and PTFE rubber discs – ideal for culture work	11057086 <input type="checkbox"/>	<sup>1)</sup> <input type="checkbox"/>	11057468 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>Barloworld Scientific: Pyrex screw cap tubes (20 x 100 mm, 30 mL/ 15 mL)</li> </ul>	n.a.	

<sup>1)</sup> PEEK tube adapters are available on request with a delivery time of approx. 8 weeks.






<sup>2)</sup> Only BUCHI items are available from BUCHI. For all other items – denoted in grey – please contact a local dealer.

Note: The order codes in grey may vary from country to country.

**C) Multivapor™ P-12 flange tubes (crimp top vials) longer than 60 mm and the following flange dimensions: OD 17– 22 mm; ID 10 – 15 mm**

Tube adapter set with seals and springs (qty. 12)		Compatible glassware		Picture	
Adapter for:	PETP <sup>1)</sup>	Extra seals	Distributor or supplier (dimensions, volume/ working volume)		Order-no. <sup>2)</sup>
Flange tubes with body diameter > 17 mm (body bigger than flange), typically used for microwave synthesis (e.g. Biotage).	049747	Seals 049757	<ul style="list-style-type: none"> <li>▪ Biotage: Set of 55 microwave safe (glass vials (10- 20 mL)</li> <li>▪ Fisher: Wheaton V vials (20 x 61 mm, 5 mL/ 2.5 mL)</li> </ul>	354833	
	<input type="checkbox"/>	Springs 049731		22-021-832	
Flange tubes with body diameter ≤ 17 mm (flange bigger than body), typically used for microwave synthesis (e.g. Biotage).	049758	049757	<ul style="list-style-type: none"> <li>▪ Biotage: Set of 100 microwave safe glass vials (0.5 – 2 mL, 2 – 5 mL respectively)</li> </ul>	352016	

**D) Multivapor™ P-12 test tubes without a rim or flange longer than 70 mm**





Tube adapter set with seals and springs (qty. 12)		Compatible glassware		Picture	
Adapter for:	PETP <sup>1)</sup>	Extra seals	Distributor or supplier (dimensions, volume/ working volume)		Order-no. <sup>2)</sup>
Test tubes with OD = 25 ± 0.5 mm Compatible with FC30 Sepacore® fraction collector rack or with the Reveleris® preparative chromatography system.	048873	049733	<ul style="list-style-type: none"> <li>▪ BUCHI: Set of 50 test tubes (25 x 150 mm, 60 mL/ 30 mL)</li> <li>▪ BUCHI: Set of 500 test tubes (25 x 150 mm, 60 mL/ 30mL)</li> </ul>	038469	
	<input type="checkbox"/>			148623411	
Test tubes with OD = 20 ± 0.5 mm	048778	048779	<ul style="list-style-type: none"> <li>▪ BUCHI: Set of 100 test tubes (20 x 150 mm, 40 mL/ 20 mL)</li> </ul>	042845	
Test tubes with OD = 18 ± 0.5 mm Compatible with the Reveleris® preparative chromatography system	11065508	11061794	<ul style="list-style-type: none"> <li>▪ BUCHI: Set of 500 test tubes (18 x 150 mm, 30 mL/ 15 mL)</li> </ul>	148623410	
Test tubes with OD = 17 ± 0.5 mm	049708	048709	<ul style="list-style-type: none"> <li>▪ Not available from BUCHI</li> </ul>	n.a.	
Test tubes with OD = 16 ± 0.5 mm Compatible with FC60 Sepacore® fraction collector rack or with the Reveleris® preparative chromatography system	048770	048773	<ul style="list-style-type: none"> <li>▪ BUCHI: Set of 100 test tubes (16 x 130 mm, 20 mL/ 10 mL)</li> <li>▪ BUCHI: Set of 1000 test tubes (16 x 150 mm, 25 mL/ 12 mL)</li> </ul>	038543	
	<input type="checkbox"/>			148623416	

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### E) Multivapor™ P-12 threaded vials








The small diameter of these vials requires extra PE frits with a smaller diameter which are included in the extension set.

Tube with extension (qty. 12)					Compatible glassware		
Adapter for:	PETP	PEEK	Extra seals	Frits	Distributor or supplier (dimensions, volume/ working volume)	Order- no. <sup>2</sup>	Picture
Small threaded vials 4 mL with GPI 13-425 cap size, typically manufactured from borosilicate glass autoclavable	11057239 <input type="checkbox"/>	11057240 <input type="checkbox"/>	051489 <input type="checkbox"/>	051490 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ Sigma-Aldrich: Set of 200 Wheaton vials (15 x 46 mm, 4 mL/ 2 mL)</li> <li>▪ VWR: Set of 500 Chromacol vials (15 x 46 mm, 4 mL/ 2 mL)</li> </ul>	Z188700-1PAK  548-1214	
Small threaded vials 2 mL with GPI 8-425 cap size, typically manufactured from borosilicate glass autoclavable	11065636 <input type="checkbox"/>	11065638 <input type="checkbox"/>	023900 <input type="checkbox"/>	051490 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>▪ Sigma-Aldrich: Set of 288 Wheaton vials (12 x 32 mm, 2 mL/ 1 mL)</li> <li>▪ VWR: Set of 500 Chromacol vials (12 x 32 mm, 2 mL/ 1 mL)</li> </ul>	Z256277-1PAK  548-1208	
22 threaded glass vials with screw cap length 45 to 85 mm, <outer diameter 27.5  (Please verify the tube compatibility before ordering)	11055486 <input type="checkbox"/>	1) <input type="checkbox"/>	053125 <input type="checkbox"/>	044856 <input type="checkbox"/>	▪ Not available from BUCHI	n.a.	
KIMAX and IWAKI 15 threaded glass test and culture tubes with screw cap length 60 –125 mm, outer diameter 16mm  (Please verify the tube compatibility before ordering)	11055275 <input type="checkbox"/>	1) <input type="checkbox"/>	051489 <input type="checkbox"/>	044856 <input type="checkbox"/>	▪ Not available from BUCHI	n.a.	

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## F) Multivapor™ P-6 vessels

Adapter for:	Tube adapter set with seals and springs (qty. 6)			Compatible glassware		Picture
	PETP	PEEK	Extra seals	Distributor or supplier (dimensions, volume/working volume)	Order-no.²)	
BUCHI standard tube P-6 with round bottom, GL 45 screw thread	11056598 <input type="checkbox"/>	11057243 <input type="checkbox"/>	11057469 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>BUCHI: Set of 6 standard P-6 tubes (60 x 135 mm, 220 mL/ 150 mL)</li> </ul>	049774 <input type="checkbox"/> with cap 053208 <input type="checkbox"/>	
BUCHI SpeedExtractor flat bottom extraction vessel (Compatible with Dionex ASE 300), BUCHI standard tube P-12 (round bottom), BUCHI Speed- Extractor tube (flat bottom) and Supelco screw cap vial Generally: SVL 22 and GPI 24– 400 screw threads fit	11056585 <input type="checkbox"/>	11057253 <input type="checkbox"/>	11057469 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>BUCHI: Set of 6 SpeedExtractor vessels (60 x 135 mm, 240 mL/ 180 mL)</li> </ul>	052672 <input type="checkbox"/>	
Radleys Carousel 6 Reaction Station cylindrical round bottom reaction flask. Also compatible with 50 mL flasks	11056607 <input type="checkbox"/>	11057257 <input type="checkbox"/>	11057469 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>RDT: Set of 6 cylindrical reaction flasks (60x 110mm, 170 mL/ 100 mL)</li> <li>RDT: Set of 6 round bottom flasks (50 x 110 mm, 50 mL/ 30 mL)</li> </ul>	RR99052  RR99070	
SJ 29/32 flask with a maximum diameter of 58mm. E. g. 50 mL round bottom flask. Clamping the flange of the flask with a compression spring	11056938 <input type="checkbox"/>	n. a.	03575 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>BUCHI evaporation flask 50mL</li> <li>BUCHI evaporation flask 100mL</li> </ul>	000431 <input type="checkbox"/>  000432 <input type="checkbox"/>	
Tubular Glass vial Adapter for maximum neck size of 33 mm, Clamping the flange of the glass with a compression spring	11059040 <input type="checkbox"/>	1)	049647 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>Maruemu Corporation: Set of 50 sample tubes (40 x 120 mm, 110 mL/ 65 mL)</li> <li>Maruemu Corporation: Set of 50 sample tubes (35 x 78 mm, 50 mL/ 30mL)</li> </ul>	61-0146-61  61-0146-60	
Crimp neck Adapter for maximum neck size of 20 mm Clamping the flange of the glass with a compression spring	11057782 <input type="checkbox"/>	1)	041012 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>Fisherbrand™: Set of 100 vials with 20mm crimp neck (101 x 31 mm, 50mL/30 mL)</li> </ul>	11732458	
GL 25 screw thread adapter for  - NS14/23 joint adapter (11062959)  - NS 19/26 joint adapter (11062960)  - NS 24/29 joint adapter (11062961)  - NS 29/32 joint adapter (11062962)	11062945 <input type="checkbox"/> 11062982 <input type="checkbox"/> 11062983 <input type="checkbox"/> 11062984 <input type="checkbox"/> 11056909 <input type="checkbox"/>	11062944 <input type="checkbox"/>	11057469 <input type="checkbox"/>	<ul style="list-style-type: none"> <li>BUCHI evaporation flask 50 mL for 29/32 joint adapter</li> <li>BUCHI evaporation flask 100 mL for 29/32 joint adapter</li> </ul>	000431 <input type="checkbox"/>  000432 <input type="checkbox"/>	

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