

Adapters




Adapters, multiple, with two parallel necks



- With two parallel necks

Product Code	Socket size	Side socket size	Cone size	Pack qty.
MA1/11*	14/23	14/23	14/23	1
MA1/2*	19/26	19/26	19/26	1
MA1/3	19/26	19/26	24/29	1
MA1/33	24/29	24/29	24/29	1
MA1/44*	29/32	29/32	29/32	1

 * Complies with DIN 12594



Adapters, multiple, with two necks



- With two necks :
 - One vertical
 - One angled at 45°

Product Code	Socket size	Cone size	Pack qty.
MA2/2	19/26	19/26	1
MA2/3	19/26	24/29	1



Adapters, multiple, with three necks



- With three necks:
 - Two vertical
 - One at 45°


Product Code	Socket size vertical necks	Socket size angled neck	Cone size	Pack qty.
MA4/23	19/26	19/26	24/29	1

Adapters, swan neck



- With screwthread joint to accept thermometers and tubes etc.

Product Code	Socket size	Cone size	Thread size (mm)	Pack qty.
MA6/22	19/26	19/26	13	1
MA6/33	24/29	24/29	13	1

 Acceptable diameter of thermometer through the screwcap is 6 - 7mm. Spare plastic caps, rubber rings and PTFE washers are listed on page 206.




Adapters, receiver



- Delivery receiver with short or long stem
- Useful for feeding distillate from condensers into receiving vessels

Product Code	Socket size	Approx stem length (mm)	Bend Angle	Pack qty.
RA1/01	14/23	65	105°	1
RA1/02	19/26	65	100°	1
RA1/03	24/29	65	100°	1
RA1/04	29/32	65	100°	1
RA1/10	10/19	120	120°	1
RA1/11	14/23	190	105°	1
RA1/12	19/26	200	100°	1
RA1/13	24/29	200	100°	1
RA1/14	29/32	200	100°	1

 For plastic retaining clips to secure glassware, please see page 200.



Adapters, receiver, straight type



- Delivery receiver with straight stem

Product Code	Socket size	Overall height (mm)	Pack qty.
RA1/22	19/26	180	1
RA1/23	24/29	180	1



Adapters



Adapters, receiver, side socket



- With side socket inclined at an angle of 105°

Product Code	Socket size	Cone size	Approx overall height (mm)	Pack qty.
RA4/11	14/23	14/23	120	1
RA4/22	19/26	19/26	120	1
RA4/23	19/26	24/29	120	1



Adapters, receiver, plain bend



- Plain bend without vent

Product Code	Socket size	Cone size	Approx overall height (mm)	Bend Angle	Pack qty.
RA9/11	14/23	14/23	90	100°	1
RA9/22	19/26	19/26	100	100°	1
RA9/23	19/26	24/29	110	100°	1
RA9/33	24/29	24/29	125	100°	1
RA9/44	29/32	29/32	140	100°	1



Adapters, receiver, bend with vent



- Bend with vent
- With side-arm to provide vent to atmosphere
- Avoids the problems of 'closed systems'

Product Code	Socket size	Cone size	Approx overall height (mm)	Bend Angle	Pack qty.
RA2/11	14/23	14/23	80	105°	1
RA2/22	19/26	19/26	106	100°	1
RA2/23	19/26	24/29	120	100°	1
RA2/33	24/29	24/29	130	100°	1



The side-arm is for venting purposes and not for connection to a vacuum source. For adapters with vacuum connection, see RA3: and RA13: series.


Adapters, receiver, vacuum, angled



- Delivery stem within cone
- With side-arm for connection to a vacuum supply
- Easy connection to flexible tubing via detachable plastic screwthread connector

Product Code	Socket size	Cone size	Approx overall height (mm)	Bend Angle	Pack qty.
RA3/11/SC*	14/23	14/23	110	105°	1
RA3/22/SC	19/26	19/26	140	100°	1
RA3/23/SC	19/26	24/29	140	100°	1
RA3/33/SC*	24/29	24/29	150	100°	1
RA3/44/SC*	29/32	29/32	165	100°	1



 *Complies with DIN 12594
For spare screwthread connectors, please refer to page 104.*


Adapters, receiver, vacuum, straight



- Delivery stem within cone
- With side-arm for connection to a vacuum supply
- Easy connection to flexible tubing via detachable plastic screwthread connector

Product Code	Socket size	Cone size	Approx overall height (mm)	Pack qty.
RA13/33/SC	24/29	24/29	140	1



 *Complies with DIN 12594*


Adapters, receiver, pig



- Allows up to three flasks* to be connected to a condenser outlet
- Useful for collecting distillate fractions
- By slightly rotating the adapter a new flask is presented to the distillate
- With side-arm for connection to a vacuum supply

Product Code	Socket size	Cone size	Approx overall height (mm)	Pack qty.
RA5/11/SC	14/23	14/23	110	1
RA5/21/SC	19/26	14/23	110	1



 *It is not dimensionally possible to fit large capacity flasks to these receivers.
Maximum flask capacity is: RA5/11/SC - 50ml flask RA5/21/SC - 100ml flask.

Adapters



Adapters, receiver, vacuum, four flask connector



- Allows four flasks to be connected to a condenser outlet
- Useful for collecting fractions when distilling under vacuum
- Each flask can be progressively filled by rotating the adapter
- Avoids problems of disturbing vacuum conditions when changing flasks
- Choice of collection flasks

Product Code	Description	Socket size	Cone size	Pack qty.
RA11/SC	Screwthread vacuum receiver adapter to take four flasks	19/26	14/23	1
RA12/2	Sloping delivery adapter	19/26	19/26	1
FR25/1S	25ml flask	14/23	-	5
FR50/1S	50ml flask	14/23	-	5
FR100/1S	100ml flask	14/23	-	5

i A choice of retaining clips to hold the flasks are detailed on page 200.



Adapters, receiver, Perkin



- For vacuum distillation work
- Allows receiver flasks to be changed without disturbing the vacuum within the system
- Fitted with 3 x GP Rotaflor® stopcocks with 3.0mm bore PTFE keys:
 - No lubrication required
 - No contaminating greases
 - No chemical corrosion
- With screwcap system for gentle release of vacuum at conclusion of work

Product Code	Capacity (ml)	Socket size	Cone size	Pack qty.
RA6/11/SC	10	14/23	14/23	1
RA6/22/SC	30	19/26	19/26	1
RA6/23/SC	30	19/26	24/29	1
RA6/33/SC	30	24/29	24/29	1

i Spare Rotaflor® keys are listed on page 250.

Adapters, splash head, vertical



- Usually inserted between a flask and condenser to prevent 'carry-over' of raw liquid

Product Code	Socket size	Cone size	Pack qty.
SH17/23	19/26	24/29	1



Adapters, splash head, sloping



- Popular adapter used in distillation assemblies to prevent raw liquid 'carrying over' from flask to condenser

Product Code	Cone size to fit flask	Cone size to fit condenser	Pack qty.
SH7/02	19/26	19/26	1
SH7/03	24/29	19/26	1
SH7/43	24/29	24/29	1
SH7/0/44	29/32	29/32	1



Adapters, splash head, vertical distillation



- A splash head for use in distillation assemblies in which the condenser is assembled in the vertical mode
 - Lower cone accepts flask, upper cone accepts condenser
 - Splash head reduces entrainment of raw liquid into the vapour stream

Product Code	Cone size to fit flask	Cone size to fit condenser	Pack qty.
SH7/12	19/26	19/26	1
SH7/13	24/29	19/26	1
SH7/53	24/29	24/29	1



Adapters



Adapters, splash head, rotary evaporator, anti-climb



- For use with rotary evaporators
- Protects against liquid ingress into the condenser
- Useful for liquids that have tendency to foam
- Splash heads feature a 29/32 socket

Product Code	Approx capacity (ml)	Socket size	Cone size	Pack qty.
SH15/19	150	29/32	19/26	1
SH15/24	150	29/32	24/29	1
SH15/29	150	29/32	29/32	1



Adapters, splash head, rotary evaporator, with sinter



- For use with rotary evaporators
- Prevents possible contamination of the condenser from 'bumping' solvents
- Features a coarse porosity 1 sinter to reduce carry over
- Splash heads feature a 29/32 socket

Product Code	Approx capacity (ml)	Socket size	Cone size	Pack qty.
SH16/19	90	29/32	19/26	1
SH16/24	90	29/32	24/29	1
SH16/29	90	29/32	29/32	1



Adapters, steam distillation head



- A splash-head with integral stem for the introduction of steam into flasks
- Stem is connected to steam supply via detachable screwthread safety connector

Product Code	Cone size to fit flask	Cone size to fit condenser	Pack qty.
SH7/23/SC	24/29	19/26	1



Screwthread connector, cat no: 4510/02, accepts 9mm bore flexible tubing. Spare screwthread connectors are available on page 104.

Adapters, still head



- Used in distillation assemblies for connecting flasks to condenser
- Upper socket designed to accept thermometer either via cone/screwthread adapter or thermometer pocket

Product Code	Cone size to fit flask	Cone size to fit condenser	Socket size	Pack qty.
SH4/1*	14/23	14/23	14/23	1
SH4/22*	19/26	19/26	14/23	1
SH4/2	19/26	19/26	19/26	1
SH4/23	24/29	19/26	14/23	1
SH4/33	24/29	24/29	14/23	1
SH4/24	29/32	19/26	14/23	1
SH4/44*	29/32	29/32	14/23	1
SH4/55	34/35	34/35	14/23	1



* Complies with DIN 12594
For cone/screwthread adapters or thermometer pockets, see page 14.

Adapters, still head, Claisen



- Similar to the SH4: still heads but with extra socket to accept dropping funnel or stirrer etc.

Product Code	Cone size to fit flask	Cone size to fit condenser	Socket size	Pack qty.
SH6/1*	14/23	14/23	14/23	1
SH6/22*	19/26	19/26	14/23	1
SH6/23	24/29	19/26	14/23	1
SH6/33	24/29	24/29	14/23	1
SH6/44*	29/32	29/32	14/23	1



* Complies with DIN 12594
PTFE joint sleeves eliminate the possibility of joint seizure, see page 199.

Adapters, still head, recovery



- Provides a simple vapour conduit between flasks and distillation condensers

Product Code	Cone size to fit flask	Cone size to fit condenser	Bend Angle	Pack qty.
SH1/11	14/23	14/23	75°	1
SH1/22	19/26	19/26	80°	1
SH1/23	24/29	19/26	80°	1
SH1/33	24/29	24/29	80°	1
SH1/44	29/32	29/32	80°	1

