



TCO (HITTE TIPS) SARSTEDT.



**Australian Government**  
**Australian Customs and**  
**Border Protection Service**

**APPLICATION FOR TARIFF**  
**CONCESSION ORDER (TCO)**

**IMPORTANT: Please read the information below carefully before completing this form.**

**Are you aware that substitutable goods are produced in Australia in the ordinary course of business?**

- (a) If you are aware, based on information and your inquiries that substitutable goods are being produced in Australia in the ordinary course of business then you should not lodge an application for a TCO.

**Do you need to apply for new TCO?**

- (b) Before lodging this application for a TCO, the applicant should determine whether a suitable TCO already exists. Information on existing TCOs is contained in the Schedule of Concessional Instruments (SCI), which is available on the Internet at [www.customs.gov.au](http://www.customs.gov.au).

**Have you verified that there are no substitutable goods produced in Australia (refer to questions 5, 6 and 7 of the form)?**

- (c) Section 269FA of the *Customs Act 1901* states "It is the responsibility of an applicant for a TCO to establish, to the satisfaction of the Chief Executive Officer (CEO), that, on the basis of:
- (i) all information that the applicant has, or can reasonably be expected to have; and
  - (ii) all inquiries that the applicant has made, or can reasonably be expected to make;
- there are reasonable grounds for asserting that the application meets the core criteria". The application is taken to meet the core criteria if, on the day of lodgement of the application, **no substitutable goods** were produced in Australia in the ordinary course of business.

**Completing the application**

- (d) Section 269F of the *Customs Act 1901* requires that a TCO application be in writing, be in an "approved form", contain such information as the form requires, and be signed in the manner indicated in the form.  
**This is the approved form for the purposes of that section.**
- (e) Section 269F(3) states that a TCO application must contain:
- (a) a full description of the goods to which the application relates; and
  - (b) a statement of the tariff classification that, in the opinion of the applicant, applies to the goods; and
  - (c) if the applicant is not proposing to make use of the TCO to import the goods to which the application relates into Australia on the applicant's own behalf – the identity of the importer for whom the applicant is acting; and
  - (d) particulars of all inquiries made by the applicant (including inquiries made of prescribed organisations) to assist in establishing that there were reasonable grounds for believing that on the day on which the application was lodged, there were no producers in Australia of substitutable goods.

8 MAR '11 10:41

**Question 1 to 8 must be answered**

- (f) Failure to supply the information required by this form will result in rejection of the application (and in the loss of operative date.)
- (g) Customs and Border Protection may require an applicant to substantiate, with documentary evidence, any information provided in the application form. Customs and Border Protection may also undertake its own inquiries as allowed under section 269M.
- (h) Receipt of your application will be acknowledged. Any resultant TCO will operate from the date of receipt.
- (i) Where an application is accepted as being a valid application, the identity of the applicant and of the importer for whom the applicant is acting will be published in the *Commonwealth of Australia Tariff Concessions Gazette* (the Gazette).
- (j) Further Information on the Tariff Concession System is available in Part XVA of the *Customs Act 1901*; in relevant Australian Customs Notices (ACNs), Practice Statements and related Instructions and Guidelines on the Internet at [www.customs.gov.au](http://www.customs.gov.au); by e-mailing [tarcon@customs.gov.au](mailto:tarcon@customs.gov.au); or by phoning the Customs and Border Protection Information Centre 1300 363 263.
- (k) Attached to this form are extracts from relevant legislation. Also please refer to Australian Customs Notice 2010/03 containing advice as to what Customs and Border Protection considers to be 'reasonable inquiries', advice on conducting searches on national and international search engines and a suggested format letter that you might choose to use when contacting potential local manufacturers to determine if it produces substitutable goods.

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**APPLICANT DETAILS**

Applicant's Name: Sarstedt Australia Pty Ltd	Australian Business Number (A.B.N): 20 008 075 107
Postal Address: 16 Park Way, Mawson Lakes SA5095	
Applicant's Reference: Pipette Tips	Company Contact: s47F
Telephone Number: 1800 803 308 Freecall	Position Held: s47F
Mobile Telephone Number:	Email Address: info.au@sarstedt.com
Facsimile Number:	

*If the applicant (as named above) does not intend to use the TCO to import into Australia the goods the subject of the application, you must provide, in the section below, the identity of the importer for whom you are acting (refer to paragraph 296F(3)(c) of the Customs Act 1901.*

**IMPORTER DETAILS**

If same as applicant write "as above" Importer's Name: "as above"	Australian Business Number (A.B.N):
Postal Address:	
Importer's Reference:	Company Contact:
Telephone Number:	Position Held:
Mobile Telephone Number:	Email Address:
Facsimile Number:	

**AGENT/BROKER DETAILS (if applicable)**

Agent's Name: Kuehne + Nagel Pty Ltd	Australian Business Number (A.B.N): 70 000 871 607
Postal Address: 8 Bradford Street, Alexandria NSW 2015	
Agent's Reference: Pipette Tips	Agency Contact: s47F
Telephone Number: s47F	Position Held: Customs Consultant
Mobile Telephone Number: s47F	Email Address: knsyd.xz-consultant@kuehne-nagel.com;
Facsimile Number:	

Is this application intended to support an application for a concession under the Enhanced Project By-law Scheme?

☐ YES

☒ NO



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**1. DESCRIPTION OF GOODS**

- (a) The description of the goods in the application may be used as the description of the goods in the TCO (if made).
- (b) The application must provide a full description of the goods, including the physical features of the various components of the goods. It must not describe the goods in terms of what they do.
- (c) In accordance with section 269SJ of the Customs Act 1901, the CEO must **not** make a TCO in respect of goods:
- (i) described in terms other than in generic terms; or
  - (ii) described in terms of their intended end use; or
  - (iii) declared by the regulations to be goods to which a TCO should not be extended.
- Goods will be taken to be described in terms other than in generic terms if, for example, their description, either directly or by implication, indicates that they are goods of a particular brand or model, or that a particular part number applies to the goods.
- (d) Guidance on the drafting of the description of goods is contained in relevant Practice Statements and/or Instructions and Guidelines on the Internet at [www.customs.gov.au](http://www.customs.gov.au). Failure to comply with Customs and Border Protection requirements may result in rejection of the application.

Describe the goods as you would propose the wording to appear if the  
Tariff Concession Order is granted.

TIPS, PIPETTE, with filter element

**2. ILLUSTRATIVE MATERIAL**

**Attach technical and illustrative descriptive material (IDM) as well as any extracts from the relevant industry standard (if referred to in the description of the goods) and/or a sample to enable full and accurate identification of the goods the subject of the application. This application will be rejected if insufficient or inadequate IDM is provided.**

*Please note that simply supplying a reference to a website is not acceptable.*

**3. TARIFF CLASSIFICATION**

- (a) Identify the tariff classification (to 8 figure subheading level)
- (b) Identify the General Duty rate 5 %
- (c) If a Tariff Advice for the goods has been sought or obtained,  
please provide the TA No or attach a copy.

**4. USES OF THE IMPORTED GOODS**

Describe ALL uses (including design uses) to which the goods can be put.

Pipetting of micro volumes in the laboratory



**5. Information that the applicant and importer has regarding Australian manufacturers of substitutable goods or potentially substitutable goods.**

The following questions require the applicant and the importer (if a different party to the applicant) to provide details of all information that they have with regard to the presence of Australian manufacturers of substitutable goods or potentially substitutable goods.

**5A - APPLICANT.**

In considering the goods which are the subject of this TCO application, is the applicant aware of any Australian manufacturers or producers of substitutable goods, or of potentially substitutable goods?

☐ YES

☒ NO If YES, please provide the names of these Australian manufacturers or producers.

**5B - IMPORTER.**

In considering the goods which are the subject of this TCO application, is the importer (as listed on page 2) aware of any Australian manufacturers or producers of substitutable goods or potentially substitutable goods?

☐ YES

☒ NO If YES, please provide the names of these Australian manufacturers or producers.

**5C. Please provide details of other information that the applicant and/or importer may have to assist in locating any local manufacturers.**

- (i) Is the applicant and/or importer a member of a relevant industry association and, if so, what is the name of the association?

☐ YES

☒ NO

If YES, what is the name of association/s:

- (ii) Has the applicant and/or importer attended, in the past year, any trade fairs or industry events where Australian manufacturers and producers of goods that may be substitutable have been exhibitors?

☐ YES

☒ NO

If YES, what is/are the name/s of relevant Australian manufacturers of potentially substitutable goods that may have exhibited?

- (iii) In the past two years, has the applicant and/or importer participated in government and/or trade procurement processes (for example, tenders for made-to-order capital equipment) which might indicate the existence of Australian manufacturers or producers of goods that are substitutable, or potentially substitutable, for the goods that are the subject of this TCO application?

☐ YES

☒ NO

If YES, describe each procurement process, and type of goods, including made-to-order capital goods, that were the subject of each procurement process and any Australian manufacturers or producers known to have participated in each procurement process?

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**6. INQUIRIES THAT THE APPLICANT AND/OR IMPORTER HAS MADE REGARDING LOCAL MANUFACTURERS OF SUBSTITUTABLE GOODS, OR OF POTENTIALLY SUBSTITUTABLE GOODS?**

The following questions require you to provide details of all inquiries that the applicant and/or importer have made to assist the CEO in establishing that there are reasonable grounds for believing that, on the day on which the application was lodged, there were no producers or manufacturers in Australia of substitutable goods, or potentially substitutable goods.

**6A - PRESCRIBED ORGANISATIONS - Prescribed organisations, such as the Industry Capability Network, are listed in Regulation 179A of Customs Regulations 1926.**

**Have you asked a prescribed organisation to obtain advice about whether there are manufacturers or producers in Australia of substitutable goods, or of potentially substitutable goods?**

☐ YES Please attach a copy of the terms of the request and all advice received. If you have obtained a report from a prescribed organisation, you are not required to answer 6B.

☒ NO If you have not obtained a report from a prescribed organisation, you are required to answer 6B.

**6B. SEARCHES OF THREE DIFFERENT DATABASES CONTAINED IN TRADE DIRECTORIES, PUBLIC SEARCH ENGINES OR WEBSITES LISTING AUSTRALIAN PRODUCTS**

If you have not obtained a report from a prescribed organisation, you must make inquiries in at least three databases to locate the possible existence of Australian manufacturers or producers of goods that may be substitutable for the goods the subject of the TCO application. Examples of these databases may include trade directories such as Kompass, search engines such as Google, and websites listing Australian products such as [www.australianmade.com.au](http://www.australianmade.com.au). Please refer to ACN 2010/03 for guidance as to what Customs and Border Protection considers to be a reasonable search.

**1 - Name of database:** [WWW.GOOGLE.COM.AU](http://WWW.GOOGLE.COM.AU)

Search terms used in database: TIPS, PIPETTE, with filter element

Please attach printouts of the search results. For search engines such as Google, please supply only the first three pages.

**2 - Name of database:** [WWW.AUSTRALIANMADE.COM.AU](http://WWW.AUSTRALIANMADE.COM.AU)

Search terms used in database: TIPS, PIPETTE, with filter element

Please attach printouts of the search results. For search engines such as Google, please supply only the first three pages.

**3 - Name of database:** [WWW.KOMPASS.COM.AU](http://WWW.KOMPASS.COM.AU)

Search terms used in database: TIPS, PIPETTE, with filter element

Please attach printouts of the search results. For search engines such as Google, please supply only the first three pages.

**6C. INDUSTRY ASSOCIATIONS**

**Has the applicant and/or importer made inquiries of industry associations in Australia representing suppliers, manufacturers of the goods that may be substitutable to those the subject of the TCO?**

☐ YES Please attach a copy of the terms of the request and any response received.

☒ NO Please explain why you have not made enquiries.

There are no known Australian manufacturers of these goods

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**7. NOTIFICATION OF POTENTIAL AUSTRALIAN MANUFACTURES**

If any of the answers to questions 5 or 6 identified any potential local manufacturers of substitutable goods, please provide details of the inquiries that you undertook to notify those local manufacturers of your application and to seek advice as to whether they believe they manufacture any substitutable goods. Please refer to Australian Customs Notice 2010/03 for a suggested format of a letter to a potential local manufacturer of substitutable goods.

*Please provide a copy of your request to each business. Please provide the business names, details of the contact that you made and all responses received at the time of lodging this application.*

**1 - Name and address of business:**

Please provide a copy of your request to each business. Is the copy attached? ☐ YES ☐ NO

Please provide a copy of the response provided, if any. Is their response attached? ☐ YES ☐ NO

**2 - Name and address of business:**

Please provide a copy of your request to each business. Is the copy attached? ☐ YES ☐ NO

Please provide a copy of the response provided, if any. Is their response attached? ☐ YES ☐ NO

**3 - Name and address of business:**

Please provide a copy of your request to each business. Is the copy attached? ☐ YES ☐ NO

Please provide a copy of the response provided, if any. Is their response attached? ☐ YES ☐ NO

**4 - Name and address of business:**

Please provide a copy of your request to each business. Is the copy attached? ☐ YES ☐ NO

Please provide a copy of the response provided, if any. Is their response attached? ☐ YES ☐ NO

**8. JUSTIFICATION FOR APPLICATION**

Where potential Australian producers or manufacturers have been identified in questions 5, 6 or 7, please provide details as to why you believe that they do not produce substitutable goods in Australia in the ordinary course of business.

*Please refer to the attached definitions for the legislative definitions of 'core criteria', 'substitutable goods', 'goods produced in Australia' and 'the ordinary course of business'.*

There are no known Australian manufacturers of these goods



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**APPLICANT'S DECLARATION**

I, <b>s47F</b>	Position Held <b>s47F</b>
Company: (if applicable) <b>Kuehne + Nagel Pty Ltd</b>	
declare that:	
<ol style="list-style-type: none"> <li>1. I have the authority to act on behalf of the company/applicant;</li> <li>2. To the best of my knowledge and belief the information contained in this form including any attachments is correct;</li> <li>3. I have ensured that questions 1 to 8 are completed and supporting documents are provided; and</li> <li>4. I agree, in submitting this form by electronic means (including facsimile) that, for the purposes of Sub-section 14(3) of the Electronic Transactions Act 1999, this application will be taken to have been lodged when it is first received by an officer of Customs and Border Protection, or if by e-mail to <b>tarcon@customs.gov.au</b>, when it is first accessed by an officer of Customs and Border Protection, as specified in Sub-Section 269F(4) of the Customs Act 1901.</li> <li>5. I have read the relevant Australian Customs Notice headed Applicant's Obligations in Making a TCO application and the definitions attached to this form and understand my obligations under Section 269FA with regard to the making and processing of Tariff Concession Order applications.</li> <li>6. I acknowledge that I understand that under Section 269M(6) of the <i>Customs Act 1901</i> that at any time during the period of 150 days from the gazettal day, the CEO may, for the purpose of dealing with a TCO application, and despite section 16 of the Customs Administration Act 1985, <b>s47F</b> a part, of the application to a prescribed organisation with a view to obtaining the advice of <b>s47F</b> relation to the question whether there are any producers in Australia of substitutable goods.</li> </ol>	
Signature of Applicant/Agent/Broker: <b>s47F</b>	Date: <b>01 / 03 / 2011</b>

**NOTE:**

**Section 234 of the Customs Act 1901 provides that it is an offence to make a statement to an officer that is false or misleading in a material particular.**

**Before lodging your form please ensure that you have attached the following:**

- ☒ Attached IDM/Samples?
- ☒ Attached Local Manufacturer search results?
- ☒ Application signed & dated?
- ☒ Questions 1-8 answered?
- ☒ All enquiries requested undertaken?

**When this form has been completed please lodge it with Customs and Border Protection by:**

•posting it by prepaid post to:

Director  
Tariff Concession Section  
Trade Services Branch  
Australian Customs and  
Border Protection Service,  
Customs House  
5 Constitution Avenue  
CANBERRA ACT 2601

OR

•delivering it to the ACT Regional Office located at:  
Customs House, Canberra

OR

•sending it by facsimile to: (02) 6275 6376

OR

•e-mailing it to: **tarcon@customs.gov.au**

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**FOR OFFICE USE ONLY AUSTRALIAN CUSTOMS AND BORDER PROTECTION SERVICE STAFF****269(H) Screening the Application**

- Is the CEO satisfied that the application complies with Section 269F? ☐ YES ☐ NO
- Is the CEO satisfied that the applicant has discharged all responsibilities referred to in section 269FA? ☐ YES ☐ NO
- Is the CEO aware of any producer in Australia of substitutable goods? ☐ YES ☐ NO
- Are the goods on the Excluded Goods Schedule (Regulation 185)? ☐ YES ☐ NO
- Does a TCO already exist for these goods? ☐ YES ☐ NO

**Information for applicants - some useful definitions from the Customs Act 1901****269B Interpretation**

**substitutable goods**, in respect of goods the subject of a TCO application or of a TCO, means goods produced in Australia that are put, or are capable of being put, to a use that corresponds with a use (including a design use) to which the goods the subject of the application or of the TCO can be put.

- (3) In determining whether goods produced in Australia are put, or are capable of being put, to a use corresponding to a use to which goods the subject of a TCO, or of an application for a TCO, can be put, it is irrelevant whether or not the first mentioned goods compete with the second mentioned goods in any market.

**269C Interpretation - core criteria**

For the purposes of this Part, a TCO application is taken to meet the core criteria if, on the day on which the application was lodged, no substitutable goods were produced in Australia in the ordinary course of business.

**269D Interpretation - goods produced in Australia**

- (1) For the purposes of this Part, goods, other than unmanufactured raw products, are taken to be produced in Australia if:
- (a) the goods are wholly or partly manufactured in Australia; and
  - (b) not less than  $\frac{1}{4}$  of the factory or works costs of the goods is represented by the sum of:
    - (i) the value of Australian labour; and
    - (ii) the value of Australian materials; and
    - (iii) the factory overhead expenses incurred in Australia in respect of the goods.
- (2) For the purposes of this Part, goods are to be taken to have been partly manufactured in Australia if at least one substantial process in the manufacture of the goods was carried out in Australia.
- (3) Without limiting the meaning of the expression substantial process in the manufacture of the goods, any of the following operations or any combination of those operations does not constitute such a process:
- (a) operations to preserve goods during transportation or storage;
  - (b) operations to improve the packing or labelling or marketable quality of goods;
  - (c) operations to prepare goods for shipment;
  - (d) simple assembly operations;
  - (e) operations to mix goods where the resulting product does not have different properties from those of the goods that have been mixed.
- (4) For the purposes of this section, the CEO may, by instrument in writing published in the *Gazette*:
- (a) direct that the factory or works cost of goods is to be determined in a specified manner; and
  - (b) direct that the value of Australian labour, the value of Australian materials or the factory overhead expenses incurred in Australia in respect of goods is to be determined in a specified manner;
- and those directions have effect accordingly.
- (5) The provisions of sections 48 (other than paragraphs (1)(a) and (b) and subsection (2)), 48A, 48B, 49A and 50 of the *Acts Interpretation Act 1901* apply in relation to directions given under subsection (4) as if:
- (a) references in those provisions to regulations were references to directions; and
  - (b) references in those provisions to the repeal of a regulation were references to the revocation of a direction.



**269E Interpretation - the ordinary course of business**

- (1) For the purposes of this Part, other than section 269Q, goods (other than made-to-order capital equipment) that are substitutable goods in relation to goods the subject of a TCO application are taken to be produced in Australia in the ordinary course of business if:
- (a) they have been produced in Australia in the 2 years before the application was lodged; or
  - (b) they have been produced, and are held in stock, in Australia; or
  - (c) they are produced in Australia on an intermittent basis and have been so produced in the 5 years before the application was lodged;
- and a producer in Australia is prepared to accept an order to supply them.
- (2) For the purposes of this Part, goods that:
- (a) are substitutable goods in relation to goods the subject of a TCO application; and
  - (b) are made to order capital equipment;
- are taken to be produced in Australia in the ordinary course of business if:
- (c) a producer in Australia:
    - (i) has made goods requiring the same labour skills, technology and design expertise as the substitutable goods in the 2 years before the application was lodged; and
    - (ii) could produce the substitutable goods with existing facilities; and
  - (d) the producer is prepared to accept an order to supply the substitutable goods.
- (3) In this section:
- made-to-order capital equipment** means a particular item of capital equipment:
- (a) that is made in Australia on a one-off basis to meet a specific order rather than being the subject of regular or intermittent production; and
  - (b) that is not produced in quantities indicative of a production run.

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(8) Employ the correct **manufacturer's tips** of those recommended by the **manufacturer**. ... Greg O'Donnell and Robert Geyer Laboratory Services Unit, Workcover NSW, **Australia**. ... **Pipette tip** cone **filters** minimise the risk of contamination. ... An objective tool to identify QA program **elements** that actually impact ...

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Sherwood Scientific has made available a five-element industrial flame photometer ... to the current demand for five **filters** as standard in a low-cost instrument. .... It includes three **pipettes** covering the standard volumes used in PCR and ... mLINE **pipettes** and the DNase and RNase certified sterile **filter tips** ...

rsi.aip.org/resource/1/rsinak/v82/i1/p019501\_s1?view=fulltext - Cached

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**Finntip Pipet Tips** Thermo Scientific - [www.thermoscientific.com](http://www.thermoscientific.com)

Finntip **pipet tips** are optimized to be used with Finnpipettes. The universal design enables the compatibility also with **pipettes** from other **manufacturers**. ...

<https://www.thermoscientific.com/wps/portal/ts/products/detail?>... - Cached

- - Airepure **Australia**

Flanders **Filters** was one of three **manufacturers** who began producing HEPA .... **filter element** in a low m3/hr (CFM) ventilation system (e.g. glovebox, isolator). ..... to irradiate tubes, flasks and **pipettes tips** between amplifications. ...

[www.airepure.com.au/products/](http://www.airepure.com.au/products/) - Cached

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brandscientific.com.au/cms/uploads/transferpette%20electronic.pdf

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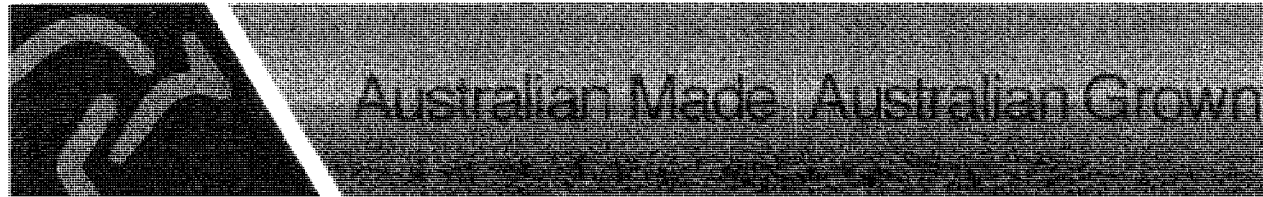
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DP

# PCR & Molecular Biology

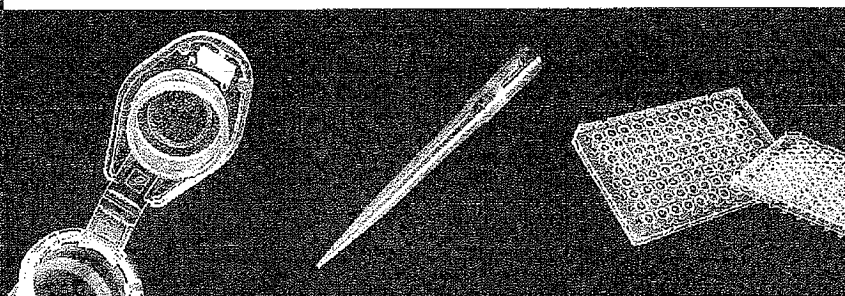
Certified High-Quality Products for PCR, Molecular Biology and Research



sterile · non-pyrogenic · DNA-free  
RNase-free · ATP-free



## *Liquid Handling*

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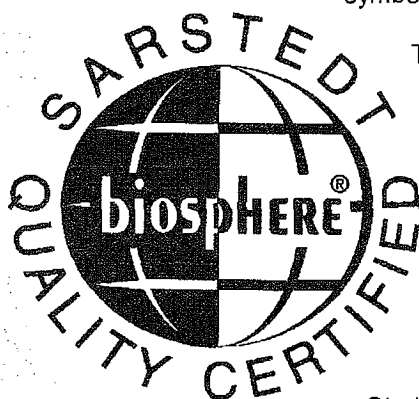
28

## Sarstedt quality symbols - a warranty of reliability and reproducibility

To accommodate the highly sophisticated needs of customers working in the field of medical research, environmental technology, the pharmaceutical and food industries as well as in cellular and molecular biology, Sarstedt has developed the **Biosphere®** quality products.

The superior biological purity of sterile laboratory products is guaranteed by a controlled production process that complies with the strictest purity requirements so that our customers can be sure to achieve utmost reproducibility in their analyses and research experiments.

All disposables, such as pipette tips and reaction tubes bearing the Biosphere® symbol are **sterile, DNA-, RNase- and ATP-free and non-pyrogenic.**



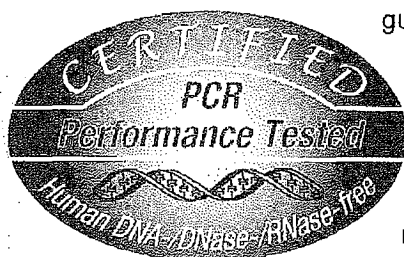
To reduce storage time of the sterile Biosphere® products in open bags and inherent contamination risks, Biosphere® tubes and plates are **packaged in small quantities.**

**Biosphere® laboratory products are manufactured in accordance with defined production requirements and meet the following threshold values:**

DNA <  $2 \times 10^{-14}$  g      RNase <  $1.1 \times 10^{-11}$  Kunitz units  
ATP <  $3.5 \times 10^{-15}$  g      Pyrogens <  $2 \times 10^{-3}$  EU

Sterility is validated according to DIN EN and AAMI guideline.

PCR and other molecular-biological methods have gained access to laboratories all over the world. Sarstedt has enormously refined the production requirements for non-sterile PCR products. Skilled personnel, clean room conditions along with automated production processes enable contamination-free manufacturing.



Each production batch is subjected to a highly sensitive PCR method to guarantee compliance with the individual quality criteria.

Consequently, award of the **PCR Performance Tested** quality symbol to a production batch is subject to successfully passing PCR tests.

Thanks to this quality grade, customers can use Sarstedt disposables in direct contact with reagents and sample material for PCR in their experimental work.

**Products awarded the PCR Performance Tested standard meet the following requirements:**

✓ DNase-/RNase-free

✓ Human DNA-free

✓ PCR inhibitor-free



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## High purity Biosphere® Filter tips for pipetting – free from carry-over contamination



### Protection against carry-over and contamination

Even the most meticulous pipetting may generate aerosols during aspiration of the sample, contaminating the pipette and any sample material to follow. This cross-contamination cannot be tolerated when working with expensive, hazardous, or irreplaceable samples or when using highly sensitive methods. In order to prevent aerosol contamination along with the resulting consequences (falsified results, additional expenditure in time and cost) Sarstedt incorporates special porous elements in its range of filter tips.

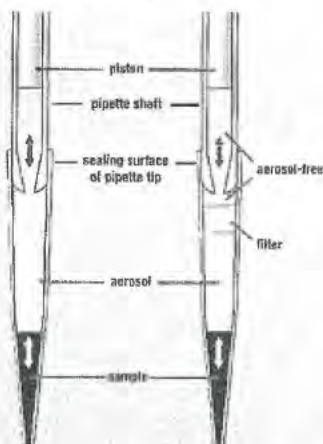


Cross section of a porous filter element (40-fold magnification)

### Reliable safety with selected filter materials

The filter element integrated in the pipette tips consists of a porous plastic material featuring defined hydrophobic properties and no self-sealing additives.

- ▶ The sponge-like material is densely composed of randomly arranged channels (see picture on left), enabling air to pass for precision when using air displacement pipettes.
- ▶ Simultaneously, the complex structure of the porous filter safely prevents aerosols from entering the pipette shaft.



### Measuring the efficiency of filter inserts in Biosphere® filter tips\*

Both the PCR-based method and indirect, radioactive measurement of the plasmid DNA with P-32 marked ATP are reliable methods for detecting carry-over contamination of DNA aerosols likely to occur in practical pipetting applications.

- ▶ With both methods, the hydrophobic filter inserts with the selected porosity used in Sarstedt Biosphere® filter tips were found to provide protection against aerosol contamination.
- ▶ The superior efficiency of the filter in Biosphere® filter tips is based on a complex mechanism of absorption, surface quality, thickness, strength and shape.

\* Refer to our "Application Report – Shielding Effect of Filter Inserts in Pipette Tips" for additional details



### Added protection with Biosphere® purity quality

- ✓ Maximum biological purity: free from DNA, RNase, ATP and pyrogens
- ✓ Batch-specific certification is available upon request

### Convenient and safe packaging of individual tip boxes

- ✓ Each tip box is additionally and aseptically protected in a special sterile bag packaging
- ✓ Easy opening of bag packaging without aid via notch at short bag side (see picture)



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## The pipette tip Crucial to precise dosing



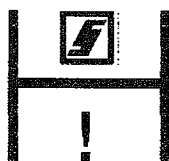
### A calibrated system: Pipette and pipette tips

The precision of the pipetting process is primarily determined by the optimal compatibility of the pipette and pipette tip.

- ▶ One of the leading manufacturers of pipette tips, Sarstedt's main objective for years has been to provide customers with tips in optimal, reliable quality to fit most marketable pipette brands.
- ▶ The quality of a tip is defined by the properties of the material used, the design and optimum fit on the individual pipettes.

### Quality guarantee: Precision and accuracy for small volumes

In particular, the ongoing trend towards ever decreasing small sample volumes inevitably involves increasing demands on the dosing system. At regular intervals, Sarstedt tips are checked for maximum precision and reliability in combination with the pipettes of leading manufacturers (e.g. Eppendorf, Gilson). In addition, the tips are subjected to a defined procedure of comprehensive in-process conformity testing in accordance with the **international standard DIN EN ISO 8655** for piston pipettes.



### Note on availability of a Declaration of Conformity for pipette/pipette tip combinations

- ▶ The Declaration of Conformity for piston pipettes indicates the combination of pipette and pipette tip to which it applies attesting precision and reliability and can be made available on request.
- ▶ The logo on the label indicates that a standard Declaration of Conformity is available for a particular pipette tip.





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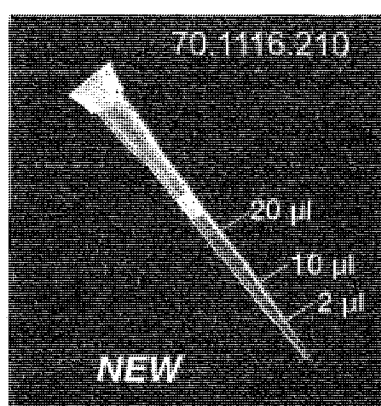
## The pipette tip Crucial to precise dosing



### Pipetting of small sample volumes 0.1 to 20 $\mu$ l

Processing micro volumes in modern laboratory routine requires a highly sophisticated pipette/pipette tip dosing system. Therefore, tips with volumes of up to 20  $\mu$ l stand out for the following product characteristics regarding control and dosing features:

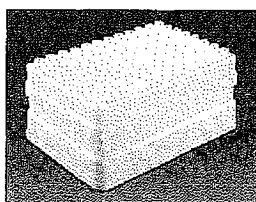
- **Enhanced pipetting safety due to calibrated system** - conformity-tested to DIN EN ISO 8655
- **Enhanced dosing features** - fine, thin tip facilitates dosing and visual volume control
- **Easy visual control for micro volumes** - calibration rings facilitate visual control of the pipetted volume



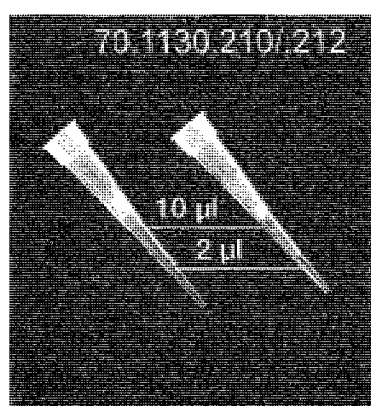
**Filter Tip**  
**70.1116.210**  
**0.1 to 20  $\mu$ l**



Universally compatible with Gilson and Eppendorf pipettes and versions of identical design like e.g. Biohit, Finnpipette, Abimed and Brand in the 0.1 - 20  $\mu$ l volume range.



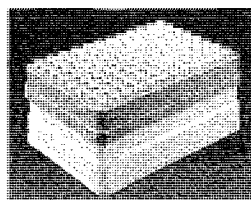
- Tip tray colour code: light grey



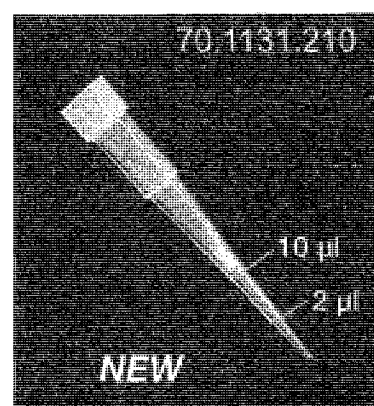
**Filter Tip**  
**70.1130.210/.212**  
**0.1 to 10  $\mu$ l**



Mini Gilson tip for Gilson P2/P10 or Eppendorf Research 2.5  $\mu$ l with finely drawn tip and calibration rings in 2 and 10  $\mu$ l tips, as well as for versions of identical design from Finnpipette, Biohit and Socorex.



- Tip tray colour code: grey



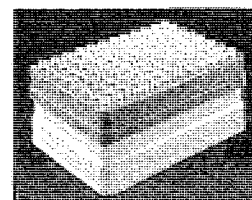
**Filter Tip**  
**70.1131.210**  
**0.1 to 10  $\mu$ l**



Extended tip for Gilson P2/P10 to protect the inner tube wall against the generally non-sterile pipette shaft.

The dead space and precision are identical with Order No. 70.1130.210/.212.

Older pipettes require an adapter and shorter ejector (available from Gilson) to work with the extended tip.



- Tip tray colour code: grey

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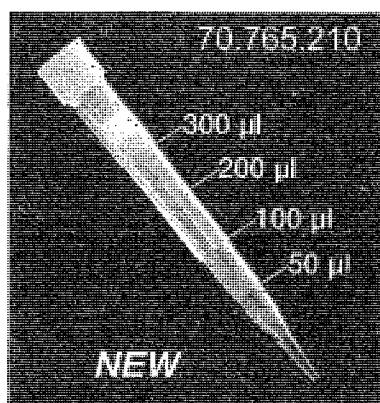
JH

## The pipette tip Crucial to precise dosing



### Pipetting of large sample volumes 10 to 1,250 µl

- ▶ Two pipette tips with **calibration rings** for the 10 to 1,250 µl volume range
- ▶ **Reduced storage space** – covering a large volume range with just 2 tips
- ▶ Colour-coded trays for **easy volume identification**
- ▶ **Enhanced pipetting control** due to highly transparent tip material



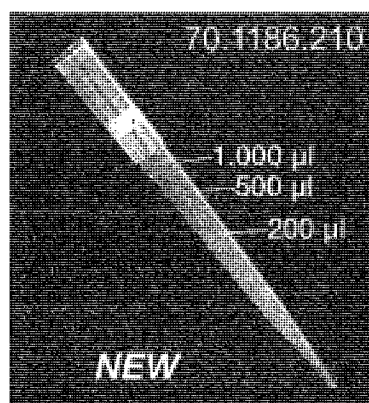
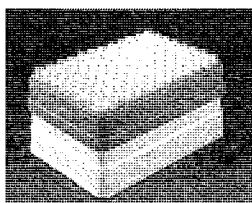
**Filter Tip**  
**70.765.210**  
**10 to 300 µl**



Specially suited for multi-channel pipettes, e.g. from Eppendorf, Brand, Finnpiquette, Biohit. Also compatible with older multi-channel pipettes up to 200 µl.

55.6 mm tip with 4 graduations for visual control of pre-set pipetting volume at 50, 100, 200 and 300 µl.

- ▶ Tip tray colour code: orange

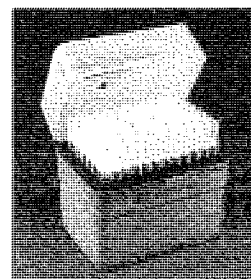


**Filter Tip**  
**70.1186.210**  
**50 to 1,250 µl**

Extra long (103 mm) and slim pipette tip, universally suited for use with single-channel pipettes, e.g. from Gilson, Biohit, Nichyrio and Finnpiquette. Particularly recommended for applications in Deep Well blocks, Cluster tubes or 5 ml CryoPure tubes for which the traditional 1,000 µl tip is too short or too thick.

Compatible with multi-channel pipette Finnpiquette Novus 100 to 1,200 µl. 3 Graduations for visual control of pre-set pipetting volume at 200, 500 and 1,000 µl.

- ▶ Tip tray colour code: blue



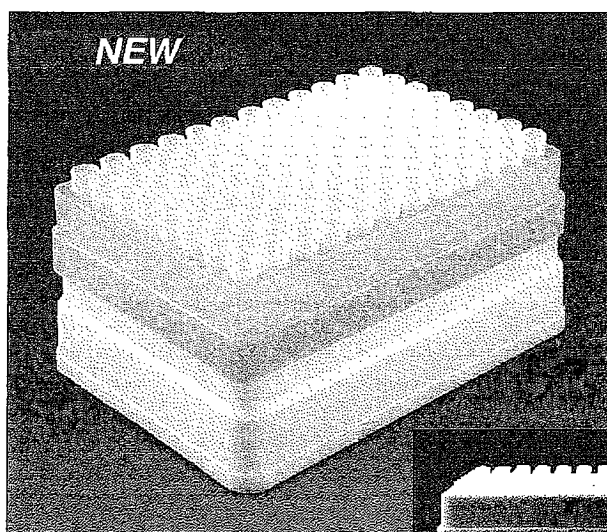
### Tip tray colour code: Easy volume identification with coloured trays

Sample volume	Tray colour	Order No.
10 µl	grey	70.1130.XXX
10 µl	grey	70.1131.XXX
20 µl	light grey	70.1115.XXX
20 µl	light grey	70.1116.XXX

Sample volume	Tray colour	Order No.
200 µl	yellow	70.760.XX1
250 µl	yellow	70.760.XX2
300 µl	orange	70.765.XXX
1,000 µl	blue	70.762.XXX
1,250 µl	blue	70.1186.XXX

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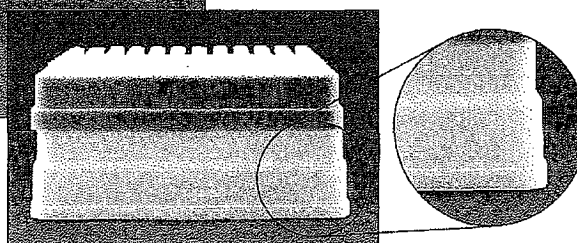
## NEW: 96-Tip Box - Flat and more compact design



### New design for optimized tip box

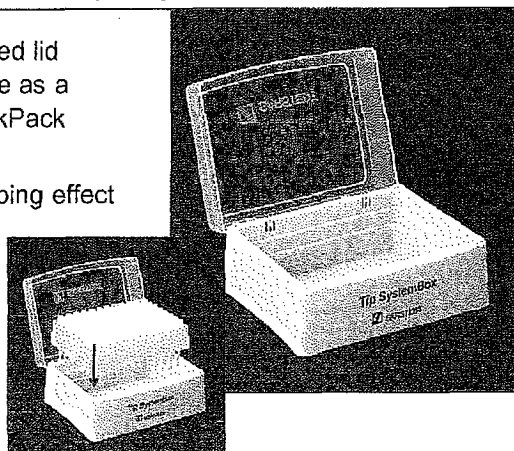
All pre-loaded tips (see pp. 12 – 13) are supplied in a new pipette tip box (available at the beginning of 2008) for maximum pipetting safety.

- ▶ New design ensures superior stability of 96-tip box
- ▶ Transparent lid with hinged label
- ▶ Reliable lid design for single-handed opening and closing



### Central work station in 96-tip format for Sarstedt tips up to volumes of 300 µl

- ▶ The autoclavable\*, anti-slip and tilt-proof box with hinged lid accommodates the colour-coded reload trays (available as a separate item) and the preloaded trays of the Tip StackPack reload system
- ▶ Slightly pressing the trays into the box enables a clamping effect
- ▶ Economical, environmental-friendly and easy to use
- ▶ Compact, reusable and enabling flexible use



### Tip SystemBox - Ordering Information

Order No.	Description	Packaging Pcs./box
95.1298.001	Tip SystemBox (without pipette tips), empty	6

#### \* Important notes on autoclaving:

Products made from PP can be autoclaved up to 121°C without significantly impairing their mechanical properties. Users are to test for themselves if autoclaving may have any effect on other characteristic product features so as to influence the individual application concerned.



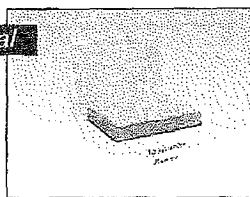
32

## Tip SystemBox - Methodical tip processing

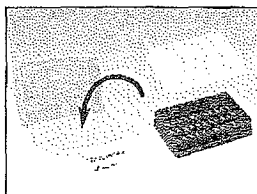


### The Tip SystemBox: Central Pipetting Station

Simple and practical



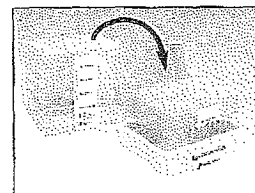
Economic and environmentally friendly



**Empty 96-tip refill trays and bulk tips**

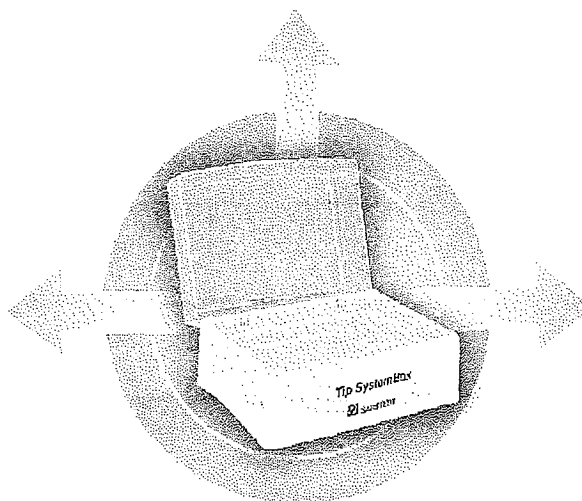
Suitable for manually racking bulk tips for autoclaving and convenient handling.

Flexible and cost-effective



**Tip StackPack**

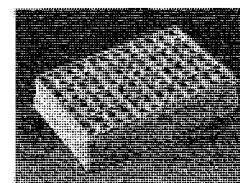
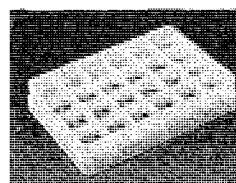
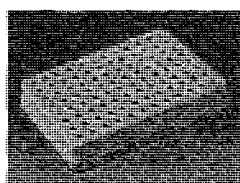
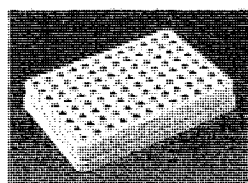
Efficient handling of 96-tip trays, reduced packaging and storage space.



### Empty reload tray for use in the Tip SystemBox

Users purchasing tips from our range loose in bags can load tips into empty trays (grey, yellow, orange) in the Tip SystemBox.

- ▶ Place empty trays into the Tip SystemBox and load with tips.
- ▶ Autoclave tips in the Tip SystemBox, if required. See important notes on autoclaving on page 7.



#### Ordering Information empty reload trays

Order No.	Tray colour code	Tip type*	Packaging (Pcs./box)
95.1760.011	yellow	A, C	25
95.1760.022	light grey	D, J	25
95.1760.033	grey	E long	25
95.1760.034	grey	E	25
95.1760.044	orange	L	20

\* Tip type see page 12 to 13



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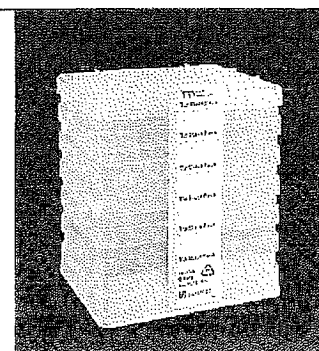
## Tip StackPack - Methodical tip processing



### Tip StackPack reload system

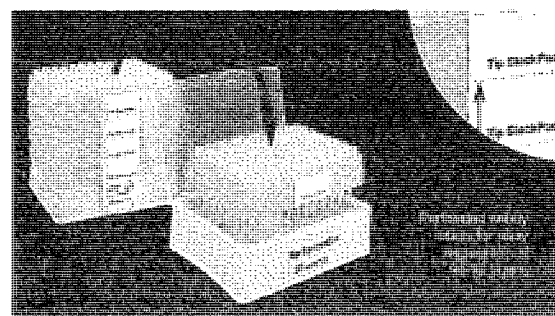
Tips are preloaded in stacked trays of 96 tips each, stacked on top of each other. The base section and cover are designed for multiple use in combination with the 5 or 6 tip trays. As a result, composite materials and storage space are reduced by more than 50%.

- ▶ Space-saving
- ▶ Easy to use
- ▶ Reduced waste volumes



### Economical and environmentally friendly

- ▶ Easy transfer of individual layers of 96-tip trays into the Tip SystemBox for easy handling or autoclaving in the pipette tip box\*
- ▶ Safety labels applied on both sides can be easily perforated to access the next layer of tips
- ▶ Trays can be placed into the Tip SystemBox without further adjustment
- ▶ Tips can also be used directly from the stack

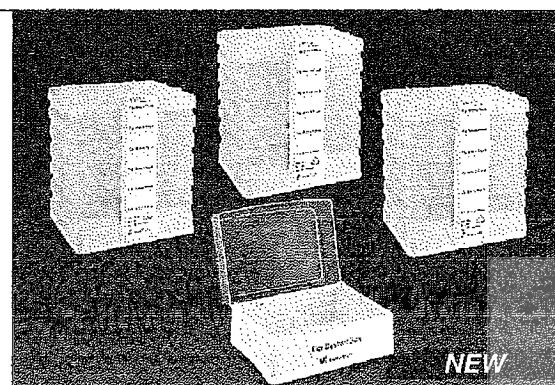


### NEW: Tip StackPack Starter Kit

The Tip StackPack Starter Kit contains 3 Tip StackPacks and 1 Tip SystemBox each

#### Ordering Information Tip StackPack Starter Kit

Order No.	Volume	Pipette tip colour	Tray colour code	Packaging/case
70.760.591	250 µl	neutral	yellow	3 x
70.760.592	200 µl	yellow	yellow	Tip StackPack +
70.1130.690	10 µl	neutral	grey	1 x
				Tip SystemBox



Also available as individual components:

#### Tip StackPack reload pack

Order No.	Volume	Pipette tip colour	Tray colour code	Packaging/case
70.760.501	250 µl	neutral	yellow	480/StackPack, 1,920/case
70.760.502	200 µl	yellow	yellow	
70.1130.600	10 µl	neutral	grey	576/StackPack, 2,304/case

\* Important notes on autoclaving: See page 7



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# Compatibility Table Pipette Tips

## Biosphere®-Pipette Tips with filter (illustrations 1:1)

250 µl	70.1130.212	
100 µl	70.1130.210 70.1130.410	
100 µl	70.1131.210	
10 µl	70.1115.210 70.1115.410	
20 µl	70.1115.212	
10 µl	70.1116.210	
20 µl	70.760.213 70.760.413	
100 µl	70.760.212 70.760.412	
200 µl	70.760.211 70.760.411	
300 µl	70.765.210	
	70.762.211 70.762.411	
	70.1186.210 70.1186.410	

## Quality Pipette Tips without filter (illustrations 1:1)

100 µl	70.1130 70.1130.100 70.1130.200 70.1130.600	
100 µl	70.1131 70.1131.100	
20 µl	70.1115 70.1115.100 70.1115.200	
20 µl	70.1116 70.1116.100 70.1116.200	
200 µl	70.760.002 70.760.202 70.760.502	
250 µl	70.760.001 70.760.201 70.760.501	
300 µl	70.765 70.765.100 70.765.200	
	70.762 70.762.100 70.762.200	
	70.1186 70.1186.100 70.1186.200	

0.1-2.5 µl 0.5-10 µl 2-20 µl 10-100 µl 20-200 µl 50-300 µl MC	0.5-10 µl 2-20 µl 10-100 µl 50-200 µl 0.5-10 µl 20-300 µl MC	0.5-10 µl 2-100 µl 20-200 µl 20-300 µl MC	
Eppendorf Research	Reference	Research Pro	Brand Transferpette

Eppendorf Research	Reference	Research Pro	Brand Transferpette
--------------------	-----------	--------------	---------------------

● = max. pipetting volume 10 = limited pipetting volume  
MC = Multi-channel



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Dr- gt- tal	Nichiryo	Finnpipette	Digital	Novus	Focus	Elo Control	Biohit Proline	mLine	eLine	Gilson Pipelman	Pipet- man Ultra	Socorex Calibra	Oxford
	● ●						●			● ●			
	● ●											● ●	●
			● ●		●		●	● ●		● ●	●		
	● ●						●	● ●		● ● ●		● ● ●	● ●
	●	●	● ●				● ● ● ● ●			●			
								● ● ● ● ●	● ●				
●		●	●	● ● ●	● ●		●	● ● ● ● ●	● ●	●	●	●	●
	●	●					●			●		●	●
	●	●		●			●			●		●	●


































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## Ordering Information - Quality tips with filter



Filter Tips (illustrations 1:1)	Order No.	Max. Sample Volume/ Colour	Quality Grade	Packaging
 Type E <b>NEW</b>	70.1130.212	2.5 µl, neutral		96/box 480/inner box 1,920/case
 Type E	70.1130.210	10 µl, neutral		96/box 480/inner box 1,920/case
	70.1130.410	10 µl, neutral		480/bag (loose) 4,800/case
 Type E long	70.1131.210	10 µl, neutral		96/box 480/inner box 1,920/case
 Type D	70.1115.210	10 µl, neutral		96/box 480/inner box 1,920/case
	70.1115.410	10 µl, neutral		480/bag (loose) 4,800/case
 Type D	70.1115.212	20 µl, neutral		96/box 480/inner box 1,920/case
 Type J <b>NEW</b>	70.1116.210	10 µl, neutral		96/box 480/inner box 1,920/case
 Type A	70.760.213	20 µl, yellow		96/box 480/inner box 1,920/case
	70.760.413	20 µl, yellow		480/bag (loose) 4,800/case
 Type A	70.760.212	100 µl, yellow		96/box 480/inner box 1,920/case
	70.760.412	100 µl, yellow		480/bag (loose) 4,800/case
 Type C	70.760.211	200 µl, neutral		96/box 480/inner box 1,920/case
	70.760.411	200 µl, neutral		480/bag (loose) 4,800/case
 Type L <b>NEW</b>	70.765.210	300 µl, neutral		96/box 480/inner box 1,920/case
 Type B	70.762.211	1,000 µl, blue		100/box 500/inner box 1,000/case
	70.762.411	1,000 µl, blue		200/bag (loose) 2,000/case
 Type M <b>NEW</b>	70.1186.210	1,250 µl, neutral		96/box 768/case
	70.1186.410	1,250 µl, neutral		384/bag (loose) 3,840/case



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# Ordering Information - Quality tips without filter & Tip SystemBox



Tips without filter (illustrations 1:1)	Order No.	Max. Sample Volume/ Colour	Quality Grade	Packaging
 Type E	70.1130	10 µl, neutral		1,000/bag, 10,000/case
	70.1130.100			96/box, 1,920/case
	70.1130.200			96/box, 480/inner box, 1,920/case
	70.1130.600			Tip StackPack 96/tray, 576/StackPack, 2,304/case
	70.1130.690			Tip StackPack Starter Kit
 Type E long	70.1131	10 µl, neutral		500/bag 10,000/case
	70.1131.100			96/box 1,920/case
 Type D	70.1115	10 µl, neutral		1,000/bag, 10,000/case
	70.1115.100			96/box, 1,920/case
	70.1115.200			96/box, 480/inner box, 1,920/case
 Type J <b>NEW</b>	70.1116	20 µl, neutral		1,000/bag, 10,000/case
	70.1116.100			96/box, 1,920/case
	70.1116.200			96/box, 480/inner box, 1,920/case
 Type A	70.760.002	200 µl, yellow		500/bag, 10,000/case
	70.760.202			96/box, 480/inner box, 1,920/case
	70.760.502			Tip StackPack 96/tray, 480/StackPack, 1,920/case
	70.760.592			Tip StackPack Starter Kit
 Type C	70.760.001	250 µl, neutral		500/bag, 10,000/case
	70.760.201			96/box, 480/inner box, 1,920/case
	70.760.501			Tip StackPack 96/tray, 480/StackPack, 1,920/case
	70.760.591			Tip StackPack Starter Kit
 Type L <b>NEW</b>	70.765	300 µl, neutral		500/bag, 5,000/case
	70.765.100			96/box, 1,920/case
	70.765.200			96/box, 480/inner box, 1,920/case
 Type B	70.762	1,000 µl, blue		250/bag, 5,000/case
	70.762.100			100/box, 1,000/case
	70.762.200			100/box, 500/inner box, 1,000/case
 Type M <b>NEW</b>	70.1186	1,250 µl, neutral		384/bag, 3,840/case
	70.1186.100			96/box, 3,840/case
	70.1186.200			96/box, 768/case

Tip SystemBox	Empty Box (1,250 µl)	Fig.	Order No.	Description	Packaging
 A	 B <b>NEW</b>	A	95.1298.001	Tip Box with snap-on lid for Sarstedt trays with 96 apertures up to 300 µl sample volume	1 pc./inner box 6 pcs./case
		B	95.1763	Empty Box with snap-on lid for 70.1186.XXX (1,250 µl)	8 pcs./case


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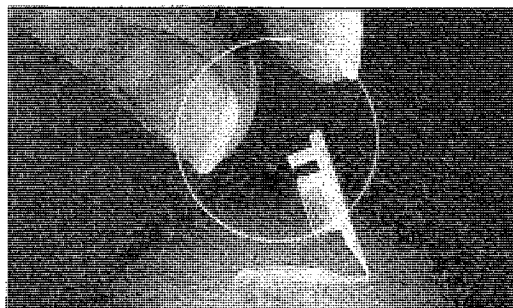


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## Reliable quality – Multiply® reaction tubes for PCR



The original Multiply® tubes are the result of consistently improving the design of the more traditional reaction tubes. Enhanced design features of the Multiply® tubes ensure work is risk-free from contamination and non-tiring compared to traditional tubes.



**Integral anti-contamination shield:**  
Prevents accidental contact with the inner surface of the lid

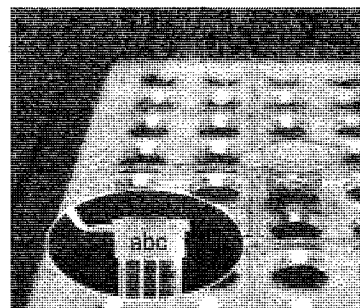
Easy to open:  
Anti-contamination shield prevents potential contamination.



**Space-saving lid design:**  
Frosted, flat lid with large writing area

The frosted surface prevents smearing even when processed in a thermocycler.

The space-saving lid design allows complete utilization of the heating block capacity.



**Interchangeable RackSystem for 0.2 ml tubes:**  
Sample preparation/storage in the RackSystem pipetting station

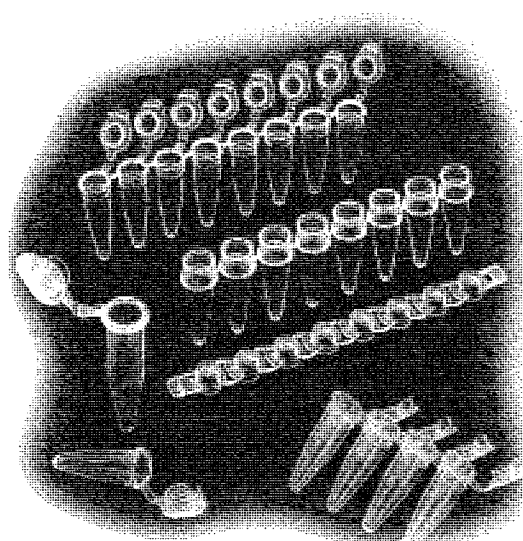
Small recess at the skirt of the Multiply® PCR tubes allows tubes to be easily removed from the work tray.

The small, roughened recess can also be used as an additional writing area.

### Additional benefits of the Multiply® product range:

- ▶ On request, we also offer conveniently packaged small quantities of products certified to the **sterile Biosphere®**, or '**PCR Performance Tested**' quality standard
- ▶ Variety of options
- ▶ Optimum heat transfer thanks to thin-walled reaction space
- ▶ Compatible on thermocyclers with 0.2 and 0.5 ml block formats
- ▶ Enables micro centrifugation in most commonly used micro centrifuges (with adapter, as required)

Strip of 8 tubes with and without attached lid



0.5 and 0.2 ml single tubes

Strip of 4 tubes









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## Ordering Information – Multiply® PCR Tubes



PCR single tubes						
Product						
Order No.	72.735.100	72.735.002	72.735.992	72.737	72.737.002	72.737.992
Volume	0.5 ml			0.2 ml		
Description	Biosphere® Multiply®-Pro 0.5	Multiply®-Pro 0.5		Biosphere® Multiply®-Pro 0.2	Multiply®-Pro 0.2	
Sterile	Biosphere® sterile	---	---	Biosphere® sterile	---	---
Colour	neutral	neutral	mixed colours ●● ●●●	neutral	neutral	mixed colours ●● ●●●
Quality Grade						
Pieces per bag	100 pieces	500 pieces	500 pieces	250 pieces	500 pieces	500 pieces
Packaging	500 pcs./inner box 1,000 pcs./case	2,000 pcs./case	3,000 pcs./case	1,000 pcs./inner box 2,000 pcs./case	2,000 pcs./case	3,000 pcs./case

PCR tube strips with and without lid							
Product							
	NEW						
Order No.	72.990	72.990.002	72.990.992	72.991.002	72.991.992	72.985.002	72.985.992
Volume	0.2 ml						
Description	Biosphere® Multiply®-µStripPro	Multiply®-µStripPro			Multiply®-µStrip		
Sterile	Biosphere® sterile	---	---	---	---	---	---
Colour	neutral	neutral	mixed colours ●●●●	neutral	mixed colours ●●●●	neutral	mixed colours ●●●●
Quality Grade							
Strips per bag	50 strips	120 strips	120 strips	120 strips	120 strips	120 strips	120 strips
Packaging	200 strips/inner box 400 strips/case	480 strips/case	480 strips/case	480 strips/case	480 strips/case	480 strips/case	480 strips/case

Strips of lids for Multiply®-µStrip and Multiply® PCR plate		
Product		
Order No.	65.986	65.986.002
Strip of lid	for Multiply® PCR plate 72.985 and Multiply®-µStrip 72.985.002/72.985.992	
Description	strips of 8 lids, highly transparent for real-time PCR	
Sterile	Biosphere® sterile	---
Colour	neutral	
Quality Grade		
Lid strips per bag	12 strips	120 strips
Packaging	240 strips/case	480 strips/case

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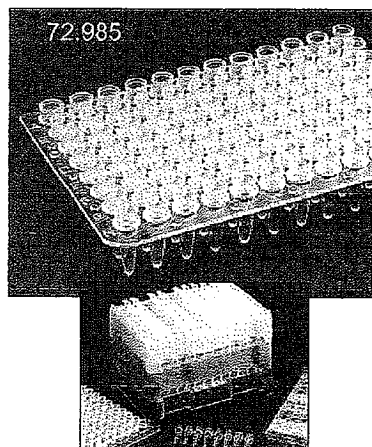
Quality in series – 96 and 384 Well Multiply® PCR plates made from polypropylene



While 96 well plates enable efficient working in large-range test series, 384 well plates are ideal for high throughput screening. Multiply® PCR plates are made from thin-walled polypropylene to allow optimum temperature transfer from the heating block to the specimen.

In order to make the most of the various thermocyclers and sequencers in the market, our range includes a number of different plate options. Micro test plates without, half or full skirt are available on request.

#### 0.2 ml 96 Well Multiply® PCR plate, pre-assembled with strips of 8 tubes

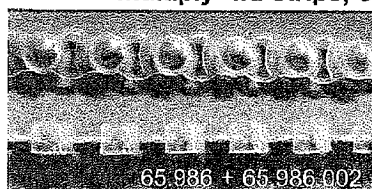


See page 19 for  
PCR RackSystem

This PCR plate is composed of a frame in the 96 micro titer format which is pre-loaded with strips of 8 tubes (Multiply®-µStrip). The 96 well plate is available in the Biosphere® quality and individually wrapped and sterile to avoid any risk of contamination. Matching Biosphere® lid chains are packaged 8x12 strips for convenience. Thanks to high-purity individual packaging, this plate is ideally suited for highly sensitive applications. The stackable RackSystem base is available in five colors. Designed for automation, it is convenient for pipetting and centrifugation.

- ▶ Available in the Biosphere® quality, individually wrapped sterile
- ▶ Suitable for real-time PCR
- ▶ Fits most commonly used thermocyclers
- ▶ Can be sealed with optically clear strips of 8 lids
- ▶ Raised skirts of the individual wells minimize cross-contamination

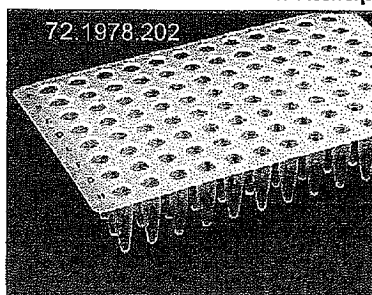
#### Multiply® lid strips, optically clear, suited for real-time PCR



12 strips of 8 domed caps each (to fill one plate) in sterile Biosphere® purity as well as autoclavable\* lid strips to fit 10 plates are available in optically clear quality. Thus, both options can be used on real-time PCR systems.

The lid strips are suited for PCR plate 72.985 and for strips of 8 tubes (Multiply®-µStrip) 72.985.002/.992 (see above).

#### 0.2 ml 96 Well Multiply® PCR plate, without skirt



Made from one piece and without a lateral skirt, this plate facilitates easy accommodation in most common thermocyclers and DNA sequencers.

- ▶ Slightly raised wells to allow maximum contact surface for adhesive foils
- ▶ Sealable with heat-resistant, highly transparent foil
- ▶ Easily trimmed without splintering and cracking
- ▶ Fits most common cyclers and DNA sequencers

**Note:** Compatibility Table for PCR plates, see page 18  
For information on heat-resistant tapes, also for real-time PCR, refer to page 20

\* Important notes on autoclaving: See page 7



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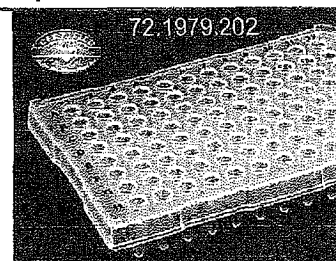
## Quality in series – 96 and 384 Well Multiply® PCR plates made from polypropylene



Real-time PCR analysis to facilitate DNA quantification and speed up the PCR process is performed on automated systems and requires suitable PCR plates. Barcoding available on request. Minimum order is 1,000 pieces.

### 0.2 ml 96 Well Multiply® PCR plate with half skirt for ABI thermocyclers and DNA sequencers

- ▶ Recommended for Applied Biosystems (ABI) thermocyclers and DNA sequencers
- ▶ Compatible with ABI sequencers without adapter
- ▶ 0.3 ml maximum volume per well
- ▶ Frame enables application in automated systems and barcoding  
Barcode available on request
- ▶ Slightly raised well walls minimize cross-contamination and enable the safe use of adhesive foils for hermetically sealing plates

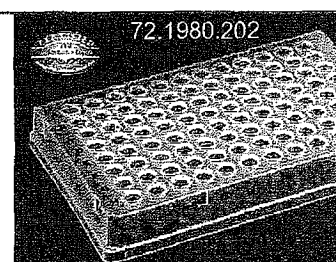


### 0.2 ml 96 Well Multiply® PCR plate with skirt for robotic systems

The PCR plate with skirt is SBS compliant and compatible with most robotic systems and real-time thermocyclers.

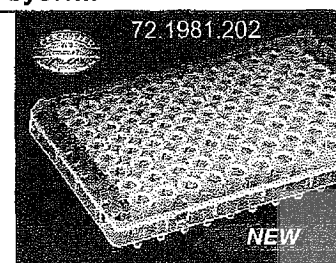
The 'low profile' design minimizes dead volume and, thus, condensation and evaporation per well. The frame enables easy attachment of a barcode.

- ▶ Suitable for real-time systems, e.g. DNA Engine Opticon, MegaBase 500/1000 DNA Analysis System, iCycler
- ▶ Suitable for thermocyclers from MJ Research, Eppendorf, Hybaid, Stratagene, Techne
- ▶ 0.2 ml maximum volume per well
- ▶ Sealable with heat-resistant adhesive tapes
- ▶ Highly transparent film 95.1994 for real-time PCR, see page 16
- ▶ Available with barcode on request



### 0.2 ml 96 Well Multiply® PCR plate with half skirt, optimized for ABI Fast PCR System

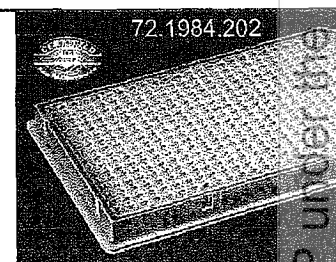
- ▶ Optimized for ABI Fast PCR Systems (ABI Prism 9800 and 7500)
- ▶ PCR results in 25 minutes on ABI Prism 9800 and 40 minutes on ABI Prism 7500 (Real time)
- ▶ 'Low profile' design reduces dead volume and cycle times
- ▶ Ultra-clear, thin wall wells provide optimal signal recovery
- ▶ Suitable for most PCR machines, e.g. from MJ Research
- ▶ Sealable with adhesive tape Order No. 95.1994 or optically clear flat lid strip Order No. 65.1998.002



### 384 Well Multiply® PCR plate with robust skirt for high throughput PCR

The plate is SBS compliant and compatible with the leading 384 well thermocycler heating blocks and DNA sequencers. The robust lateral frame minimizes possible deformation during the PCR process and facilitates easy processing of the plate in automated systems.

- ▶ Suitable for, e.g. ABI Prism 3730 DNA Detection System, ABI Prism 7000/7700/7900 HT Sequence Detection System, Mega Base 4000 DNA Analysis System, iCycler, Mastercycler
- ▶ 8 apertures in the frame facilitate positioning and removal of the plate from the heating block
- ▶ 40 µl maximum volume per well
- ▶ Sealable with heat-resistant adhesive tapes
- ▶ Available with barcode on request



#### Note:

Compatibility Table for PCR plates, see next page

For information on heat-resistant tapes, also for real-time PCR, refer to page 20



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## Compatibility Table – Multiply® PCR plates



Type		PCR plate range					
PCR plate type		96 Well, without skirt, pre-stacked	96 Well, flat top, without skirt	96 Well, half skirt	96 Well, full skirt, low profile	96 Well, Fast PCR, low profile	384 Well
Instruments	Order No. ▶	72.985	72.1978.202-282	72.1979.202/203	72.1980.202	72.1981.202	72.1984.202
<b>Amersham Bioscience</b>							
MegaBace 4000 Analysis System		x	x	x	x		✓
MegaBace 1000 Analysis System (old model)		x	x	x	✓		x
MegaBace 1000 Analysis System (new model)		x	x	x	✓		x
MegaBace 500 Analysis System		x	x	x	✓		x
<b>Applied Biosystems</b>							
PE 2700			✓	✓	x		x
PE 9600		✓	✓	✓	x		x
PE 9700		✓	✓	✓	x		✓
Gene Amp 9600		✓	✓	✓	x		x
Gene Amp 9700		✓	✓	✓	x		✓
Gene Amp 7500/5700 Seq. D.S.			✓	✓	x		x
ABI Prism 2720		✓	✓	✓	✓		
ABI Prism 7000		✓	✓	✓	x		✓
ABI Prism 7300 Real-Time PCR System				✓			
ABI Prism 7500 Real-Time PCR System				✓			
ABI Prism 7700			✓	✓	x		x
ABI Prism 7900 HT, Real-Time			x	✓	x		✓
ABI Prism 7500 Fast Real-Time PCR System						✓	
ABI Prism 7900 HT Fast Real-Time PCR System						✓	
ABI Prism 9800 Fast PCR System						✓	
Seq. ABI Prism 3100		x	✓	✓	x		x
Seq. ABI 3700		x	✓	✓	✓		✓
Seq. ABI 3730			✓	✓			✓
Seq. ABI 310			✓	✓	x		x
<b>Biometra</b>							
Uno		✓	✓	x	✓		x
Uno II		✓	✓	x	x		✓
TRobot		✓	✓	x	✓		✓
T1		✓	✓	x	✓		✓
T Gradient 96er Block		✓	✓	✓	✓		x
<b>Bio-Rad / MJ Research</b>							
iCycler, real-time		✓	✓	✓	x	x	
PTC-200		✓	✓	✓	✓	✓	✓
PTC-225		✓	✓	✓	✓	✓	✓
PTC-100		✓	✓		✓	✓	x
Opticon 2 System, real-time			x		✓	✓	
<b>Eppendorf</b>							
Mastercycler Gradient		✓	✓	✓	✓	✓	✓
<b>Ericom</b>							
SingleBlock System			✓	x	x		x
TwinBlock			✓	x	x		x
Deltacycler			✓	x	x		x
<b>MWG</b>							
THEQ					✓		
<b>Stratagene</b>							
Robocycler 96/384		x	x	x	x	✓	✓
Gradient Temp. Cyclor			✓	✓	✓		x
MX3000P/4000 Multiplex, QPCR Syst.		✓	✓				
<b>Techne</b>							
Touchgene Gradient			✓	✓	✓	✓	
Genius			✓	✓	✓	✓	
Flexigene			✓	✓	✓	✓	✓
Quantica, real-time					✓	✓	
<b>Thermo Hybaid</b>							
Primus 96			✓	x	✓		x
PCR Express		✓	✓	✓	✓		✓
OMN-E			✓	✓	✓	✓	x
Px 2 / Px E			✓	✓	✓	✓	✓
<b>Transgenomic</b>							
Wave Nucleic Acid Fragment Anal. Syst.			✓				

Legend:

✓ = recommended  
 x = not recommended  
 = not checked



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## Ordering Information – Multiply® PCR plates



Product	Order No.	Well/Max. Volume	Description	Sterile	Colour	Quality Grade	Packaging
	72.985	96 / 0.3 ml	Biosphere® Multiply® PCR plate without skirt, pre-stacked, raised well	Biosphere® sterile	neutral		1 piece/bag 20 pcs./case
	72.1978.202 72.1978.222 72.1978.232 72.1978.242 72.1978.252 72.1978.262 72.1978.272 72.1978.282	96 / 0.3 ml	Multiply® PCR plate without skirt	---	neutral red white yellow green blue violet black		25 pcs./bag 100 pcs./case
	72.1979.202 72.1979.203	96 / 0.3 ml without barcode 96 / 0.3 ml with barcode 128	Multiply® PCR plate with half skirt	---	neutral		25 pcs./bag 100 pcs./case
	72.1980.202	96 / 0.2 ml	Multiply® PCR plate with skirt 'low profile'	---	neutral		25 pcs./bag 100 pcs./case
	72.1981.202	96 / 0.2 ml	Multiply® Fast PCR plate 'low profile'	---	neutral		25 pcs./bag 100 pcs./case
	72.1984.202	384 / 40 µl	Multiply® PCR plate with skirt	---	neutral		50 pcs./bag 50 pcs./case

## Ordering Information – Multiply® lid strips and heat-resistant adhesive tapes

Product	Order No.	Description	Sterile	Quality Grade	Packaging
	65.986 for PCR plate 72.985	Strips of 8 lids (suitable for real-time PCR)	Biosphere® sterile		12 lid strips/bag 240 lid strips/case (for 20 plates)
	65.986.002 for PCR plate 72.985	Strips of 8 lids, autoclavable* (suitable for real-time PCR)	---		120 lid strips/bag 480 lid strips/case (for 40 plates)
	65.1998.002 for PCR plate 72.1978.202 72.1979.202 72.1980.202 72.1981.202	8 strips with flat lids, autoclavable* (suitable for real-time PCR)	---		120 lid strips/bag 480 lid strips/case

Product	Order No.	Description	Packaging
	95.1997	Mats for thermal cycler with screw/clip-down hot lid, autoclavable* (for 96 Well PCR plates)	5 mats/bag 125 mats/case

Product	Order No.	Description	Tape Material	Packaging
	95.1994	Adhesive tapes for PCR	Transparent film	100 tapes/inner box
	95.1995		Aluminium foil (non-transp.)	

\* Important notes on autoclaving: See page 7

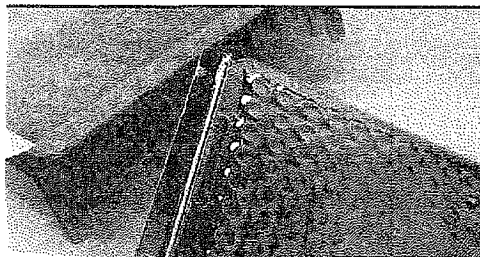


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## Compatible Tapes for PCR, HTS and compound storage



Adhesive sealing tapes are routinely used in bioanalytical research for hermetically sealing polypropylene, polystyrene and polycarbonate micro test plates. These tapes provide a high protection against evaporation and are extremely temperature-resistant. With two new tape materials developed for the special requirements in Genomics, compound storage and high throughput screening, users can now rely on useful product solutions.

### Application references

#### ► High Throughput Screening

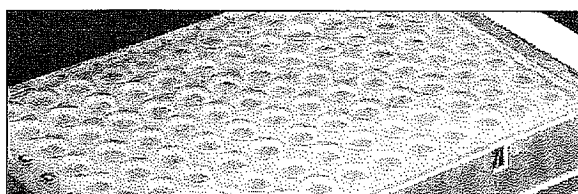
Sealing tape provides effective protection against evaporation also with highly hygroscopic solutions (e.g. DMSO)

#### ► Compound storage

Excellent resistance against organic solutions like DMSO, Acetonitril and Methanol; Cold-resistant to -70°C; Tape prevents penetration of substances into the plate or specimen (acrylate adhesive does not have an adverse effect on well contents); Detection level of adhesive residues < 5 µg/ml, DMSO test solvent

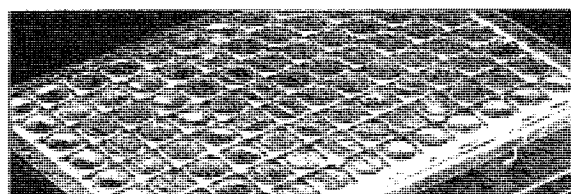
#### ► PCR

High temperature tolerance to 110°C; RNase-/DNase-free; sealing compounds do not have an adverse effect on PCR



#### Transparent film

- Optically transparent for real-time PCR, light transmission 95-96%
- No autofluorescence at 360 nm/460 nm
- Removable without leaving any residue, ideally suited for storage of sample material/compounds
- Certified RNase-/DNase-free



#### Aluminium foil

- Tape can be pierced with probes and pipette tips
- Minimal curling when removed from backing
- Removable without leaving any residue, ideally suited for storage of sample material/compounds
- Certified RNase-/DNase-free

### Your application – our recommendation ●

Criteria / Application	Storage	High through-put Screening	PCR and sequencing	'Optically clear' (for real-time PCR)	Blood sample storage	General Assays (e.g. ELISA)
Temp. range	-70°C	22 to 65°C	-20 to 110°C	-20 to 110°C	-20 to 37°C	-40 to 100°C
Plate material	PP	PS, PP	PC, PP, PS	PP	PP, PS	PP, PS, PC
Solvent	DMSO	Water	Water	Water	Water	Water
Transp. foil 95.1994	●	●	●	●	●	
Aluminium foil 95.1995	●	●	●	●	●	

### Ordering Information - Adhesive tapes

Order No.	Description	Packaging
95.1994	Transparent	100 pcs./inner box
95.1995	Aluminium	100 pcs./inner box

Tapes for standard applications (e.g. ELISA plates), see Catalogue



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## SafeSeal Micro Tubes with push cap



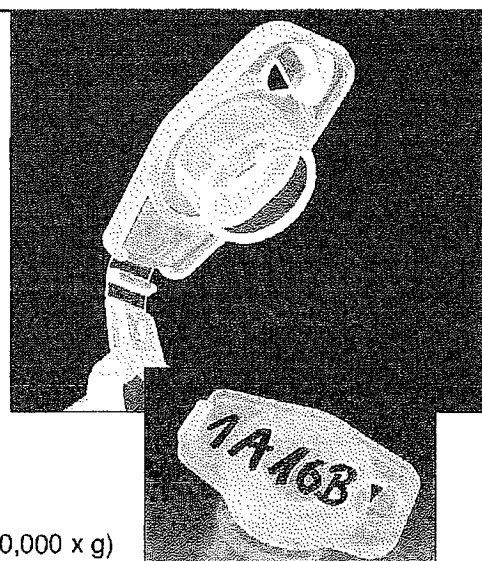
**0.5 / 1.5 and 2.0 ml Micro Tubes** with sterile **Biosphere®** purity are routinely used when RNase-, DNA-, ATP-free and non-pyrogenic conditions are essential.

Superior to standard reaction tubes, Biosphere® Micro Tubes have been developed and continually enhanced to suit the requirements in medical and molecular-biological research:

### Secure SafeSeal cap locking

The **0.5 / 1.5 and 2.0 ml SafeSeal Micro Tube** features a **closing mechanism** which prevents unintentional popping open under thermal stress.

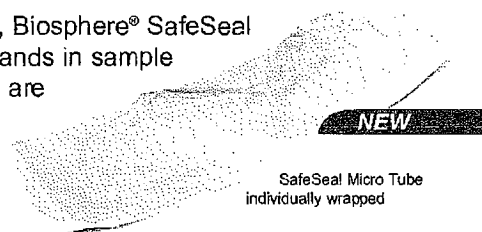
- ▶ Wide hinge for easy and precise closure with 0.5 and 1.5 ml tube
- ▶ Large writing space on lid
- ▶ Centrifugation up to 25,000 x g (1.5 and 2.0 ml Micro Tube up to 20,000 x g)





### Minimizing the risk of contamination

To reduce storage time in open bags and inherent contamination risks, Biosphere® SafeSeal Micro Tubes are packaged 50 pieces per bag. For most stringent demands in sample preparation, individually wrapped SafeSeal tubes in Biosphere® quality are available.

Optionally available non-sterile 0.5 / 1.5 and 2.0 ml SafeSeal Micro Tubes in 'PCR Performance Tested' quality: DNase-, RNase-, human DNA- and PCR inhibitor-free



## Ordering Information – Micro Tubes with SafeSeal push cap

Volume	0.5 ml		1.5 ml		2.0 ml	
Description	Order No.	Packaging	Order No.	Packaging	Order No.	Packaging
	72.704.400	250/bag 500/inner box 2,000/case	72.706.400	250/bag 1,000/inner box 2,000/case	72.695.400	250/bag 1,000/inner box 2,000/case
	72.704.200	50/bag 250/inner box 500/case	72.706.200	50/bag 250/inner box 500/case	72.695.200	50/bag 250/inner box 500/case
sterile • non-pyrogenic • DNA-free RNase-free • ATP-free	72.704.201*	individually wrapped 60/inner box 120/case	72.706.201	individually wrapped 60/inner box 120/case	72.695.201	individually wrapped 60/inner box 120/case

\* available upon request



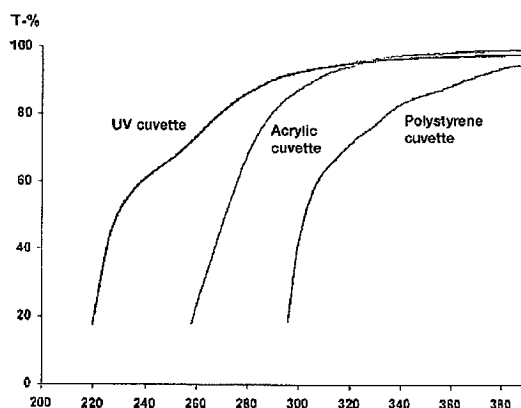
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## UV-Transparent Disposable Cuvettes for photometric analyses in the UV range $\geq 220$ nm



For measurements in the short-wave UV range below 300 nm, the material-related self-absorptive characteristics of PS and acrylic (PMMA) cuvettes increase distinctly as their transmission ratio decreases.

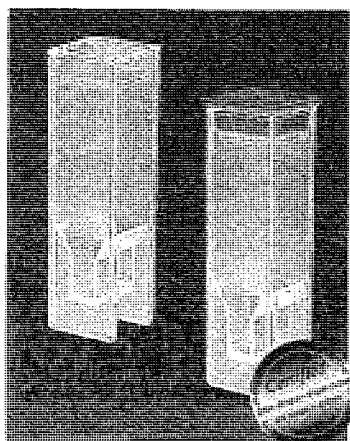


Wavelength in nm	Transmission in %		
	UV cuvette	Acrylic cuvette	Polystyrene cuvette
260	73	23	0
280	86	68	0
313	94	93	66
334	96	97	79
366	97	98	90
405	98	99	95
560	98	99	96

Transmission values in individual cuvettes

- UV cuvette
- Acrylic cuvette
- Polystyrene cuvette

The plastic material of the new half micro cuvette enables measurements in the UV range from wave lengths of 220 nm. Contamination caused by the repeated rinsing processes required for quartz glass cuvettes can be avoided by using the new UV-transparent disposable cuvette. Apart from non-certified UV cuvettes, our range includes a certified option individually sealed with a cap and packed in a Styrofoam container to protect from scratches.



### Typical applications and product features

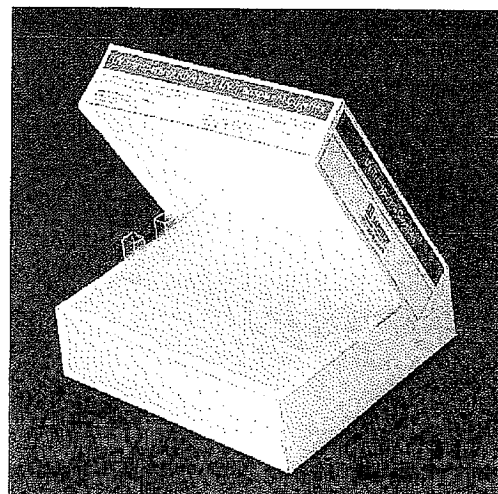
- ▶ Photometric analysis of nucleic acids at 260 nm and proteins at 280 nm
- ▶ Low UV absorbance for DNA, RNA and protein quantification
- ▶ Suitable for photometers of 8.5 mm light centre height: Eppendorf Biophotometer, ThermoSpectronic, Perkin Elmer, Bio-Rad, Analytic Jena etc.
- ▶ Minimizes absorbance deviations due to consistently accurate optical quality
- ▶ Economical low-cost alternative to quartz cuvettes
- ▶ Certified UV cuvettes (DNA-/RNase-/Protein-free) individually sealed with caps optionally available for safe sample storage and prevention of contamination

### Technical specification

Min. sample volume: 120  $\mu$ l  
 Optical path length: 10 mm  
 Basic absorbance:  $\leq 0.134$  A at 260 nm;  $\leq 0.065$  A at 280 nm  
 External dimensions (W x D x H): 12.5 x 12.5 x 45 mm  
 Light center height: 8.5 and 10 mm

### Ordering Information - UV Cuvettes

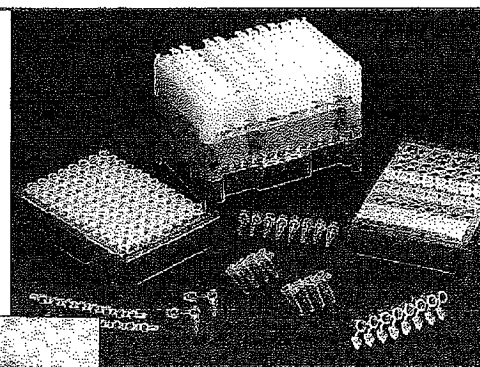
Order No.	Length in mm	Packaging
67.758	45	100 pcs. in Styrofoam box; 400 pcs./case
67.758.001	45	100 pcs. ind. sealed with lid, in Styrofoam box; 400 pcs./case certified DNA-/RNase-/Protein-free



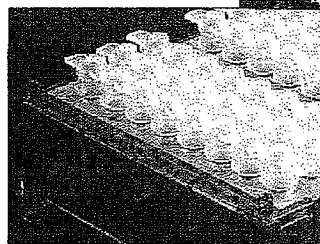
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## Accessories: Interchangeable RackSystem for 0.2 ml Multiply® PCR tubes

- ▶ Safe and fast handling of Multiply® tubes
- ▶ Flexible, two-piece system comprising a work tray and support base
- ▶ Easily inserted in the thermocycler, no need to remove tubes
- ▶ Convenient 96 well microtiter format to fit any processing system
- ▶ Stackable design provides space-saving specimen storage

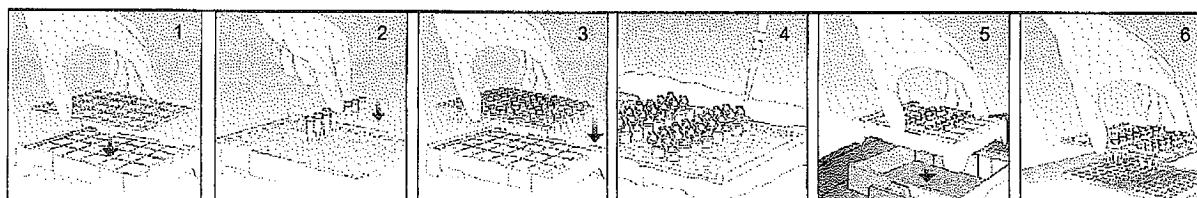


Suitable for all  
Multiply® tubes



Flexible, compact work station for  
sample preparation and space-  
saving specimen storage

## Sample preparation and PCR applications



Assembly

0.2 ml Multiply® tube  
loading...

...or, alternatively,  
Multiply® PCR plate  
loading.

Ice-bath pipetting

Specimen centrifuga-  
tion in completely  
assembled  
RackSystem...

...fast and easy place-  
ment of specimens  
into the thermocycler.

Position empty PCR  
work station to rest  
securely on the  
support base.

Align single tubes to  
45° for easy handling.

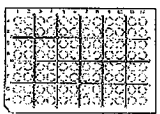
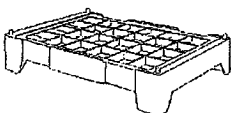
The PCR plate com-  
prises 96 tubes in 12  
strips of 8 tubes each.

RackSystem can be  
used as a pipetting  
station.

Compatible with any  
microtiter tray rotor.

After amplification,  
reposition PCR tray  
onto stackable support  
base for space-saving  
storage.

## Ordering Information - PCR RackSystem

Product Description	Order No.	Description	Packaging
PCR work tray for 0.2 ml PCR tubes 	95.987.002	for 96 tubes	5/bag
Support base for PCR work tray 	95.988	○ neutral	5/case
	95.988.001	● red	
	95.988.002	● blue	
	95.988.003	● green	
	95.988.004	yellow	



**SARSTEDT**



*Please call if you require  
more information!*

**SARSTEDT**

362c-200-9807-0308 Technical modifications reserved

SARSTEDT AG & Co.  
P.O. Box 12 20  
D-51582 Nümbrecht  
Phone +49 2293 3050  
Fax +49 2293 305-122  
info@sarstedt.com  
www.sarstedt.com

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Description of Goods including the  
Customs Tariff Classification

Schedule 4 Item Number

3926.90.90 TIPS, PIPETTE, with filter element

50

Op.08.03.11

- TC 1108417

Stated Use:

Pipetting of micro volumes in the laboratory

Applicant:

SARSTEDT AUSTRALIA PTY LTD

Notes		
TCOs existing		NO
Tariff Advice		NO
Q5&6	F 5-6	
LM Searches	F 10-15	
IDM	F 16-39	

Please check words and use

s22(1)(a)(ii)

Trade Services Branch  
16/3/11

CA

PRE SCREENING CHECKLIST – TC1108417

To Delegate of Chief Executive Officer

A pre-screening of this application has been made for compliance with the form, practice statements, Australian Customs Notice 2010/03 and other requirements of Customs and Border Protection. In undertaking your own enquiries, you may wish to consider the following matters.

**Application Form**

- Applicant – Sarstedt Australia
- Broker – s47E

**1 – Description of Goods**

Pipette Tips

**2 - Illustrative Descriptive Material (IDM)**

- Sufficient

**3 – Tariff Classification**

- Tariff Classification supplied.

**4- Stated use of Goods Supplied.**

- Sufficient

**5– Information that the Applicant and Importer has****6 – Searches and Results of Searches**

Australian Made  
Kompass  
Google

**7 – Potential LM**

**EGS Indicator - NO**

**Has a similar product been applied for – NO**

s22(1)(a)(ii) 16/3/11



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Australian Government  
Australian Customs and  
Border Protection Service

Tariff  
Services

All Sites

 Advanced Search

Compliance &gt; Tariff Services &gt; TCO &gt; Pipette Tips

## TCO: Pipette Tips

[New Item](#) | [Edit item](#) | [Delete Item](#) | [Alert Me](#) | [Version History](#)

TCO Number	TC 1108417
Title	Pipette Tips
Centre	North
OP Date	8/03/2011
28 Day Due Date	5/04/2011
Date Sent	8/03/2011
Date Due	15/03/2011
Applicant	Sarstedt Australia
Goods	Pipette Tips
Claimed Classification	3926.90.90
Are the Goods Classifiable	Yes, however the claimed classification of 3926.90.90 is incorrect. The correct heading is 8421.29.00

## DETAILED DESCRIPTION OF GOODS:

Filter tips for pipettes. The filter is to stop aerosol contamination during aspiration of samples. The filter is integrated in the pipette tips and consists of porous plastic materials (a sponge-like material densely composed of random arranged channels) with defined hydrophobic properties that do not self seal. The tips are made from plastic and are aseptically protected in a sterile packaging.

## IDENTIFICATION OF GOODS:

Filtering apparatus for bodily fluids being filter tips for pipettes.

## HEADINGS CONSIDERED:

3926: Other articles of plastic

8421: Filtering apparatus for liquids

## HEADINGS REJECTED AND REASONS WHY:

3926: The addition of the filter makes the goods more than a simple article of plastic of this heading. Excluded by Chapter 39 Note 1(s) Articles of Section XVI.

## APPROPRIATE HEADING AND REASONS WHY:

8421: Included by HSEN to this heading (II) Filtering apparatus for liquids. Much of the filtration of this heading is purely static with no moving parts. The heading covers filters and purifiers of all types. IR1 TOH.

## APPROPRIATE SUBHEADING AND REASONS WHY:

8421.29.00: As; Filtering apparatus for liquids, Other, IR6 TOSH

Does Wording Reflect Tariff Class	No. As the filter is the main component of the pipette tips that determine its classification it should be listed first. Suggested wording "FILTERS, TIPS, PIPETTE"
-----------------------------------	---

Tariff Classification	8421.29.00
-----------------------	------------

Is TCO Restricted by Reg. 185 (EGS)	No
-------------------------------------	----

## Comments

General Duty Rate	5%
-------------------	----

Identification of Goods	Filtering apparatus for bodily fluids being filter tips for pipettes.
-------------------------	---

Tariff Advice No(s)	13150000, 13181100, 15421500, 15880200,
---------------------	---

Headings Considered	3926 & 8421
---------------------	-------------

Comments and Chapter Notes	Agents informed about change of classification by phone message 10.3.11.
----------------------------	--

Query Date	
------------	--

Tariff Officer	s22(1)(a)(ii)
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## TCO - Pipette Tips

Page 2 of 2

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**Finalisation Date** 10/03/2011

**Version Updates** s22(1)(a)(ii) (17/03/2011 2:13 PM): TCO Accepted  
(10/03/2011 9:51 AM):  
(9/03/2011 3:08 PM):  
(8/03/2011 2:12 PM): New Application

**Application** Accepted

**Attachments** Pipette Tips.pdf

Version: 4.0

Created at 8/03/2011 2:12 PM by s22(1)(a)(ii)

Last modified at 17/03/2011 2:13 PM by s22(1)(a)(ii)

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s22(1)(a)(ii)

**From:** s47F [redacted] Kuehne + Nagel / Syd XZ [knsyd.xz-consultant@kuehne-nagel.com]  
**Sent:** Friday, 25 March 2011 11:33 AM  
**To:** s22(1)(a)(ii) [redacted]  
**Subject:** RE: Amended wording - TCO 1108417 - Pipette tips [SEC=UNCLASSIFIED]

Hi s22(1)(a)(ii) [redacted]  
 Agree

Kind Regards

s47F [redacted]

Kuehne - Nagel (Aust)  
 Trade Consultancy

**From:** s22(1)(a)(ii) [redacted]@customs.gov.au]  
**Sent:** Friday, 25 March 2011 10:43 AM  
**To:** s47F [redacted] / Kuehne + Nagel / Syd XZ  
**Subject:** Amended wording - TCO 1108417 - Pipette tips [SEC=UNCLASSIFIED]  
**Importance:** High

Good Morning s47F [redacted]

Please see below amended wording for your possible agreement.

**TIPS, PIPETTE, having filter elements**  
 Op. 08.03.11 - TC 1108417

**Stated Use:****For use with pipettes to transport a measured volume of liquid**

Regards,

s22(1) [redacted]

s22(1)(a)(ii) [redacted] | Tariff Concessions | Australian Customs and Border Protection Service | ☎ Ph 02 6275  
 s22(1) [redacted] | ☎ 02 6275 6376 | ✉ s22(1)(a)(ii) [redacted]@customs.gov.au

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25/03/2011



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Description of Goods including the Customs Tariff Classification	Schedule 4 Item Number
<div data-bbox="124 230 204 253">29.00</div> <div data-bbox="245 230 691 275">TIPS, PIPETTE, having a filter element</div> <div data-bbox="245 253 379 275">Op. 08.03.11</div> <div data-bbox="986 253 1121 275">- TC 1108417</div> <div data-bbox="245 297 938 342">           Stated Use:            For use with pipettes to transport a measured volume of liquid         </div> <div data-bbox="245 365 659 398">           Applicant:            SARSTEDT AUSTRALIA PTY LTD         </div>	50

s22(1)(a)(ii)

24/3/11



Australian Government

Australian Customs and  
Border Protection Service

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Reply to the Chief Executive Officer

Quote: TC 1108417

Your Ref: Pip Tips

Australian Customs and  
Border Protection Service  
Customs House  
5 Constitution Avenue  
CANBERRA ACT 2601  
Ph: (02) s22(1)(a)(ii)  
Fax: (02) 6275 6376  
Email: tarcon@customs.gov.au

25 March 2011

s47F

KUEHNE & NAGEL PTY LTD  
8 Bradford St  
ALEXANDRIA NSW 2015

Dear s47F

**TARIFF CONCESSION SYSTEM**  
**APPLICATION ACCEPTANCE**

Your application for Tariff Concession Order (TCO) Number TC 1108417 has been accepted by Customs as a valid application. The application will be published in Gazette Number TC11/13 of 30 March 2011. Details of the gazette notice are shown in the attachment.

Please examine the wording of the gazette notice and advise Customs immediately if the wording does not accurately describe the goods for which a TCO has been sought. This is a verification of agreed wording not an opportunity to further amend.

Yours sincerely,

s22(1)(a)(ii)

for National Manager  
Trade Services

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Description of Goods including the  
Custd Tariff Classification

Schedule 4 Item Number

3926.90.90 TIPS, PIPETTE, having filter elements  
Op. 08.03.11

- TC 1108417

50

Stated Use:

For use with pipettes to transport a measured volume of liquid

Applicant:

SARSTEDT AUSTRALIA PTY LTD

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**Australian Government**  
**Australian Customs and**  
**Border Protection Service**

SS

Reply to the Chief Executive Officer

Quote: TC 1108417

Your Ref: Pip Tips

Australian Customs and  
 Border Protection Service  
 Customs House  
 5 Constitution Avenue  
 CANBERRA ACT 2601  
 Ph: (02) s22(1)(a)(ii)  
 Fax: (02) 6275 6376  
 Email: tarcon@customs.gov.au

29 March 2011

s47F

KUEHNE & NAGEL PTY LTD  
 8 Bradford St  
 ALEXANDRIA NSW 2015

Dear s47F

**TARIFF CONCESSION SYSTEM**  
**APPLICATION ACCEPTANCE**

Your application for Tariff Concession Order (TCO) Number TC 1108417 has been accepted by Customs as a valid application. The application will be published in Gazette Number TC11/13 of 30 March 2011. Details of the gazette notice are shown in the attachment.

Please examine the wording of the gazette notice and advise Customs immediately if the wording does not accurately describe the goods for which a TCO has been sought. This is a verification of agreed wording not an opportunity to further amend.

Yours sincerely,

s22(1)(a)(ii)

for National Manager  
 Trade Services

PRESENT - CORRECT CLAS.

s22(1)(a)(ii)

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Description of Goods including the  
Customs Tariff Classification

Schedule 4 Item Number

---

8421.29.00 TIPS, PIPETTE, having filter elements  
Op. 08.03.11

- TC 1108417

Stated Use:

For use with pipettes to transport a measured volume of liquid

Applicant:

SARSTEDT AUSTRALIA PTY LTD

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Description of Goods including the Customs Tariff Classification		Schedule 4 Item Number
8421.29.00	TIPS, PIPETTE, having filter elements Op. 08.03.11  Stated Use: For use with pipettes to transport a measured volume of liquid  Applicant: SARSTEDT AUSTRALIA PTY LTD	50  - TC 1108417

CORRECT CLASSIFICATION.



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## TARIFF CONCESSION ORDER

Under Section 269P of the Customs Act 1901, I, s22(1)(a)(ii), a delegate of the Chief Executive Officer declare that the goods specified in Column 1 of THE TABLE are goods to which the item in Part III of Schedule 4 to the Customs Tariff Act 1995 specified in Column 2 of THE TABLE applies. This Order shall have effect from 08.03.11 and continue in force until revoked under sections 269SC or 269SD of the Act, or the date, if any, specified in Column 2.

## THE TABLE

COLUMN 1 Description of Goods including the Customs Tariff Classification	COLUMN 2 Schedule 4 Item Number Last date of effect
8421.29.00      TIPS, PIPETTE, having filter elements Op. 08.03.11	50 - TC 1108417

This is page 1 of 1 Page of the above Table.

Dated 24 May 2011

s22(1)(a)(ii)  
.....  
Delegate of the Chief Executive Officer

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**Australian Government**  
**Australian Customs and**  
**Border Protection Service**

Reply to the Chief Executive Officer

Quote: TC 1108417  
Your Ref: Pipette Tips

Australian Customs and  
Border Protection Service  
Customs House  
5 Constitution Avenue  
CANBERRA ACT 2601  
Ph: (02) s22(1)(a)(ii)  
Fax: (02) 6275 6376  
Email: tarcon@customs.gov.au

24 May 2011

s47F  
KUEHNE & NAGEL PTY LTD  
8 BRADFORD ST  
ALEXANRIA NSW 2015

Dear s47F

**TARIFF CONCESSION SYSTEM**  
**APPLICATION SUCCESSFUL**

I refer to your application for Tariff Concession Order (TCO) Number TC 1108417 lodged on 8 March 2011.

As a delegate of the Chief Executive Officer I am satisfied that the application meets the core criteria on the basis of section 269C of the *Customs Act 1901* and have accordingly made a written Tariff Concession Order.

The decision to make a TCO will be published in Gazette Number TC11/21 of 25 May 2011.

The TCO, as detailed in the attachment, will also be published in the Schedule of Concessional Instruments as soon as possible.

Yours sincerely,

s22(1)(a)(ii)

for National Manager  
Trade Services

(24.05.11)



## EXPLANATORY STATEMENT

### Tariff Concession Instrument No. 1108417

#### *Customs Act 1901*

#### ***Background***

Part XVA of the *Customs Act 1901* (the Act) sets out a scheme under which Tariff Concession Orders (TCOs) may be made by the Chief Executive Officer of Customs (the CEO). A lower rate of customs duty applies to goods that are the subject of a TCO.

Under section 269F of the Act, a person may apply to the CEO for a TCO in respect of goods. If the CEO is satisfied that the application is not in respect of goods specified in section 269SJ of the Act, which sets out those goods that cannot be subject to a TCO, the CEO must decide whether the application meets the core criteria.

Section 269C of the Act provides that a TCO application meets the core criteria if, on the day on which the application was lodged, no substitutable goods were produced in Australia in the ordinary course of business. Section 269B of the Act provides that 'goods produced in Australia' has the meaning given by section 269D, 'ordinary course of business' has the meaning given by section 269E and 'substitutable goods' in respect of goods the subject of a TCO application, means goods produced in Australia that are put, or are capable of being put, to a use that corresponds with a use (including a design use) to which the goods the subject of the application can be put.

Subsection 269P(3) of the Act provides that if the CEO is satisfied that a TCO application meets the core criteria, the CEO must make a written order (a TCO) declaring that the goods the subject of the TCO application are goods to which a prescribed item of Schedule 4 to the *Customs Tariff Act 1995* (the Tariff) specified in the order applies.

Sarstedt Australia Pty Ltd applied for a TCO in respect of certain pipette tips on 8 March 2011.

#### ***Instrument***

TCO No 1108417 was made on 24 May 2011. It declares that those certain pipette tips are goods to which item 50 of Schedule 4 to the Tariff applies since the CEO was satisfied that no substitutable goods were produced in Australia. The general rate of duty on these goods is 5%. The rate of duty for the goods subject to the TCO is free.

#### ***Consultation***

Subsection 269K(1) of the Act provides in part that as soon as practicable after accepting a TCO application as a valid application, the CEO must publish a notice in the Gazette which includes an invitation to any person who considers that there are reasons why the TCO should not be made to lodge a submission with the CEO. The CEO did not receive any submissions in response to this invitation.