

### 1 Glue dispenser, HermaFix Transfer

The required quantity of glue is dispensed 'dot-wise' from a strip, even on difficult surfaces. The adhesive bond can subsequently be loosened easily and rubbed off without leaving any residue. Available in a variety of colours, as outlined below.

Type	PK	Cat. No.
Glue dispenser, black	1	9.040 696
Glue dispenser, blue	1	9.040 694
Refill roll, 15 m	1	9.040 695



### 2 Autoclave tape

Crepe paper. Self adhesive. For smooth surfaces. With heat-sensitive dyes. The white stripes change colour to brown whilst being autoclaved (121°C and 134°C). Supplied in a roll of 50m, 19mm wide.

Type	PK	Cat. No.
Autoclave tape	1	9.140 784



### 3 Dry-Heat Indicator Tape, Comply™

Semi-crepe paper. Self adhesive. This chemical indicator tape is designed for use as packaging tape and for the immediate identification of items exposed to dry heat processing. Supplied in a roll of 55m, 19mm wide.

3M Deutschland

Type	PK	Cat. No.
Comply™	1	9.140 783



### 4 Adhesive parcel tape tesapack® 4024

Strong, brown tape.

Width mm	Length m	PK	Cat. No.
50	66	1	9.140 813



### 5 Adhesive tape dispenser tesa® 6285

For sealing cardboard boxes, using accessory tesapack®, tesafilm® or tesakrepp® sealing materials.

Width mm	PK	Cat. No.
50	1	9.140 817




**1**

### 1 BEL-ART Adhesive tape Write-on™

Specially coated plastic tape with adhesive backing. Makes labels of any length. Can be used with any pens. Excellent adhesion to glass, metal, PE etc. Resistant to humidity, as well as acids and alkali solutions in weak concentrations. Leaves no residue when removed. Width 12.7mm, length 36.6m.

*Bel-Art Products*

Temperature resistance  
 up to 257°C: 30 min  
 up to 80°C: 24 h  
 Resistant to -73°C.

Colour	PK	Cat. No.
White	1	9.040 379
Red	1	9.040 336
Yellow	1	9.040 337
Green	1	9.040 338
Blue	1	9.040 339
Orange	1	9.040 340


**2**

### 2 BEL-ART Adhesive tape Write-on™

Width 19mm. Supplied in roll of 36.6m. Colours as outlined below.

*Bel-Art Products*

Temperature resistance  
 up to 257°C: 30 min  
 up to 80°C: 24 h  
 Resistant to -73°C.

Colour	PK	Cat. No.
Red	1	9.040 341
Yellow	1	9.040 342
Green	1	9.040 343
Blue	1	9.040 344
Orange	1	9.040 345
White	1	9.040 380

### Adhesive tape Write-on™

Width 25.4mm. Supplied in roll of 36.6m. Colours as outlined below.

Colour	PK	Cat. No.
Red	1	9.040 346
Yellow	1	9.040 347
Green	1	9.040 348
Blue	1	9.040 349
Orange	1	9.040 350
White	1	9.040 381


**3**

### 3 BEL-ART Adhesive Tape Write-on™

White. Length 54.9m.

Width mm	PK	Cat. No.
12.7	1	9.040 351
19.0	1	9.040 352
25.4	1	9.040 353


**4**

### 4 Adhesive tape dispenser Write-On™

With integral writing panel and tear-off edge.

Type	PK	Cat. No.
Write-On™	1	9.040 388

### 1 Adhesive tape for label protection

Clear, polyester tape. With special synthetic adhesive. Resistant to moisture and most solvents. Resistant to temperatures of -196 to +200°C (dry heat) and up to +121°C (steam sterilization). Excellent adhesion to glass, metal, PE etc. Supplied in rolls as outlined below.

Width mm	Length m	PK	Cat. No.
25	32.9	1	9.040 425
38	32.9	1	9.040 438
51	32.9	1	9.040 450



### 2 Label dispenser

For easy and quick dispensing of tape for safety labels and Bel-Art labels.

Type	PK	Cat. No.
Label dispenser	1	9.040 550



### 3 Adhesive labels

White, blank, self-adhesive labels. 75g/m<sup>2</sup> woodfree paper, with strong rubber adhesive coating. Smear-resistant, sheet size approx. 168 x 120mm. Packed in sturdy cardboard boxes. Label sizes and pack quantities as outlined below.

Width mm	Length mm	PK	Cat. No.
30	12	10000	9.040 612
40	13	5000	9.040 614
22	16	10000	9.040 616
40	19	5000	9.040 618
50	20	5000	9.040 620
40	25	5000	9.040 625
53	34	2500	9.040 635
67	34	1000	9.040 636
82	52	1000	9.040 652



### 4 Deep freeze labels SuperPrint, white

**NEW!**

Self-adhesive deep-freeze labels on A4 sheets. Remains firmly attached even at very low temperatures. Perfect for all PC printers (laser/inkjet/dot-matrix), copiers and multi-functional machines. Not suitable for colour laser printers and colour copiers. The label paper in High-Resolution-Quality guarantees perfect toner fixing and optimum laser printing results, also at high resolution. Trouble-free processing due to all-around protective edge and optimum flatness.

Length mm	Width mm	PK	Cat. No.
38.1	21.2	25	6.201 004
66.0	33.8	25	6.201 005



### 5 Cryogenic labels, Type 5040

Durable, non-shrinking, plain cloth labels. Ideal for labelling cryoboxes. Supplied in packs of 10 sheets of labels with each sheet containing 20 labels.

Nalgene

Type	Width mm	Height mm	PK	Cat. No.
5040	50	25	200	9.400 976



**1**


### 1 Removing Clean Spray, Label solvent

For easy removal of labels from files, appliances and plastic-coated materials. With capillary-tube applicator.

Capacity	PK	Cat. No.
200 ml	1	<b>9.412 937</b>

**2**


### 2 Label Removing Pen

Pen with cleaning solution. With dosing function for simple and precise application.

Capacity	PK	Cat. No.
15 ml	1	<b>9.412 938</b>

### Brady labels Material overview

<b>Type B-499:</b>	Permanent adhesive, write-on capabilities
<b>Type B-461:</b>	Permanent adhesive - suitable for liquid nitrogen application if label material is wrapped around itself, as in self-lamination, write-on capabilities
<b>Type B-481:</b>	Clear polyester will remain resistant when exposed to xylene and other chemicals that are commonly used in the slide staining process.
<b>Type B-488:</b>	Permanent acrylic adhesive - ideal for flat surfaces, write-on capabilities, excellent solvent resistance and xylene resistance
<b>Type B-427:</b>	Permanent acrylic adhesive; self-laminating, write-on capabilities, suitable for liquid nitrogen application and can be used to ID a frozen vial if label material is wrapped around itself, as in self-lamination
<b>Type B-492:</b>	Label material that will adhere to frozen surfaces
<b>Type B-595:</b>	Mark aisles, passageways, storage locations, point out safety equipment, exits. Indoor/outdoor marking film, high gloss, durable, flexible. Temperature range: -40°C to 82°C, durability outdoors up to 10 years.

### Application Key for Brady labels

F =	Freezer (-70°C)
N =	Liquid Nitrogen (-196°C)
A =	Autoclave
H =	Hot Water Bath (100°C)
S1 =	Self-laminating lable
L =	Low-Profile (extremely thin)
V =	Vial Identification
S2 =	Slide Identification
P =	Plate Identification
G =	General Identification

*Brady*

### 1 BMP™21 Hand-held label printer NEW!

The portable label printer BMP™21 creates long lasting lables which adhere securely. Even under extremely demanding industrial applications the thermal transfer printer BMP™21 labels are pin sharp and clearly legible.

Key Features:

- Hard wearing design
- 203 dpi thermal transfer print
- Large LCD Display (3 lines of text, 1 line of icons)
- Left or right handed cutter activation
- Automatic data serialisation and built-in graphics and barcodes

Type	PK	Cat. No.
BMP™21	1	9.040 551



### 2 Accessories for BMP™21 Hand-held label printer NEW!

Brady

Description	PK	Cat. No.
Hard Case	1	9.040 555
Magnet	1	9.040 556
Tool	1	9.040 557
AC Adapter - Europe 220V	1	9.040 553
AC Adapter - UK 220V	1	9.040 554
AC Adapter - USA 110V	1	9.040 552



### 3 4 5 6 Labels for BMP™21 Hand-held label printer NEW!

Brady

Black on white. Brady's laboratory labels are designed to withstand extreme laboratory environments. The labels are resistant against high/low temperatures, solvents and chemicals (Alcohol and DMSO).

Type	Material	Width	For	PK	Cat. No.
		mm	mm		
B-461	Polyester	9.50	F N A H S1 L V S2	6,4	9.040 562
B-461	Polyester	12.70	F N A H S1 L V S2	6,4	9.040 574
B-461	Polyester	19.05	F N A H S1 L V S2	6,4	9.040 575
B-499	Nylon cloth	9.53	F N A V P G	4,8	9.040 576
B-499	Nylon cloth	12.70	F N A V P G	4,8	9.040 577
B-499	Nylon cloth	19.05	F N A V P G	4,8	9.040 578
B-488	Polyester	9.53	F A S2 P G	6,4	9.040 579
B-488	Polyester	12.70	F A S2 P G	6,4	9.040 580
B-488	Polyester	19.05	F A S2 P G	6,4	9.040 581
B-427	Vinyl	19.05	F N S1 V S2 P G	4,2	9.040 582
B-427	Vinyl	25.40	F N S1 V S2 P G	4,2	9.040 583
B-427	Vinyl	30.48	F N S1 V S2 P G	4,2	9.040 584
B-427	Vinyl	38.10	F N S1 V S2 P G	4,2	9.040 585





# 1. Lab consumables

## General laboratory aids/Labels

1



### 1 LAB PAL™ label printer

The LAB PAL™ label printer is portable, easy-to-use and makes identifying your samples quicker and more efficient:

- Portable/Hand-held
- Recommended for < 25 labels at a time
- Labels withstand extreme lab temperatures and solvents
- Pre-programmed vial and slide sizes
- One-touch time/date stamp
- Serialisation feature for quicker aliquots
- Laboratory symbols
- Operates on 6 AA batteries or optional a.c. power adapter
- Serialization feature for quicker marking of aliquots
- Internal cutter
- 5 type sizes (7, 10, 14, 20 and 28 dots)

LAB PAL™ label printer (includes PAL-375-461 label cartridge) 240V a.c. UK adapter.

#### Specifications:

Dimensions: 228.6 x 114.3 x 63.5mm  
Conformance: UL and CSA

Type	PK	Cat. No.
LAB PAL™ Label printer (includes cartridge PAL-375-461 )	1	9.040 560
a.c. adapter, 220 V	1	9.040 561

2



### 2 3 LAB PAL™ Labels

Brady's laboratory labels are designed to withstand extreme laboratory environments. The labels are resistant against high/low temperatures, solvents and chemicals (Alcohol and DMSO).

Type	Material	Width For mm		PK	Cat. No.
B-461	Polyester	9.5	F N A H S1 L V S2	6,4	9.040 562
B-423	Polyester	12.7	F A P G	6,4	9.040 569

3



4



### 4 LabXpert™ label printer

**NEW!**

With a LabXpert™ V2.0 Laboratory Labelling System, you have a powerful yet affordable tool at your fingertips. Produces legible, professional looking labels for your lab samples, while drastically reducing the time it actually takes to label.

Increase the efficiency of labelling in your laboratory with:

- 21 font sizes
- USB port for PC Connection
- Narrow bar code width to allow more characters on smaller labels
- Pre-sized labels customised to fit vials, tubes, and slides
- Auto-serialisation - produce 40 labels in under two mins. - thats 80% faster than handwriting.
- One-touch time & date stamping
- Built-in bar coding
- Over 140 lab-specific Greek, research, and safety symbols

Type	PK	Cat. No.
LabXpert + Labelmark	1	6.226 011
LabXpert printer	1	6.239 301

### Accessories for LabXpert™ label printer

**NEW!**

Description	PK	Cat. No.
Hardcase for LabXpert printer	1	6.239 302
AC Adapter - Europe 220V (for printer with ABC-layout or Keyboard-layout)	1	6.239 303
AC Adapter - UK 220V (for printer with ABC-layout or Keyboard-layout)	1	6.239 304

**1 2** Labels for tubes LabXpert™ **NEW!**

Type	For tubes ml	Dimensions mm	PK	Cat. No.
B-461	0.5 to 0.7	9.53 x 28.58 x 19.05	450	6.227 158
B-461	1.0 to 8.0	12.7 x 41.91 x 19.05	225	6.230 928
B-461	1.0 to 8.0	15.24 x 45.72 x 25.40	225	6.224 520
B-461	1.0 to 8.0	15.24 x 66.68 x 25.40	150	6.227 932
B-461	1.0 to 8.0	25.40 x 44.45 x 25.40	225	6.239 305



**3 4 5** Labels LabXpert™ **NEW!**

Type	Description	Dimensions mm	PK	Cat. No.
B-499	Labels for vial top identification, orange	Ø 9.52	300	6.229 548
B-499	Labels for vial top identification, red	Ø 9.52	300	6.231 018
B-499	Labels for glass flasks and general identification	20.96 x 9.53	275	6.227 153
B-499	Labels for cryo vials or tubes plus corresponding quantity of labels for vial top identification (diam. 9.53)	25.40 x 9.53	300	6.227 480
B-499	Labels for cryo vials or tubes plus corresponding quantity of labels for vial top identification (diam. 11.18)	25.40 x 12.7	300	6.225 808
B-499	Labels for cryo vials or tubes plus corresponding quantity of labels for vial top identification (diam. 9.53)	25.40 x 12.7	300	6.224 521
B-499	Labels for tubes, cryo vials, glass Flask and general laboratory identificaton	25.40 x 12.7	225	6.239 040
B-427	Labels for straws	27.94 x 6.35	450	6.226 333



**6 7** Labels for slides LabXpert™ **NEW!**

Type	Description	Dimensions mm	PK	Cat. No.
B-488	Labels for slides and well plates	22.86 x 22.86	350	6.232 499
B-488	Labels for slides and well plates	48.26 x 6.35	200	6.226 014
B-481	Labels for slides and tubes	22.86 x 22.86	350	6.239 308
B-481	Labels for slides and tubes	22.86 x 19.05	400	6.239 306
B-481	Labels for slides and tubes	22.86 x 9.53	400	6.239 307



# 1. Lab consumables

## General laboratory aids/Labels



### 1 Labels FreezerBondz LabXpert™ NEW!

Type	Description	Dimensions mm	PK	Cat. No.
B-492	Labels FreezerBondz	12.53 x 25.40	225	<b>6.239 309</b>
B-492	Labels FreezerBondz plus corresponding quantity of labels for vial top identification (diam. 9.53)	12.53 x 25.40	300	<b>6.239 310</b>



### 2 3 Label printer BMP™71 NEW!

- Large, highly visible colour display with on screen indicators
- WYSIWYG interface
- Easy to load materials; Drop & Go
- Use 1 printer for all your applications
- Computer style keypad, with a selection of 4 layouts
- Standalone operation
- PC connectivity and operational through Bradys software packages LabelMark™ and MarkWare™
- Fast printing
- True field usable printer with long lasting battery and easy to carry printer design
- Auto font sizing
- Multi language user interface
- All European character sets embedded in the printer
- Built in barcode - time/date stamp - 500+ graphics
- Specific label applications
- Wizard based applications for Electrical, Tele/Datacom & Safety labels

Brady



#### Key Material features

- Smart cell technology for all materials and ribbons providing auto formatting
- Largest variety of materials available in the market, both standard and custom made labels
- Can print both on diecut labels and continuous materials, including PermaSleeves™,
- Self-laminating Labels, EPREP (Engraved Plate REPlacement) labels, Reflective, Phosphorescent and Tamper Resistant tapes
- 30+ different materials
- Labels up to 50.80mm wide
- Labels up to 1016mm long
- Prints on all TLS2200® and HandiMark™ parts, including bulk packs

**Supplied with:** BMP71 comes in a hard carry case with battery pack, AC adapter/battery charger, USB connection cable, TLS/HandiMark label roll adapter, Cleaning card and swab, Product CD (contains user manual, printer driver and tutorial), Quick Start Guide, M71-R6000 black ribbon, M71-31-423 diecut labels and M71C-2000-595-WT tape

Type	PK	Cat. No.
BMP™71-QWERTZ-EU	1	<b>9.412 915</b>
BMP™71-QWERTZ-EU + Software Labelmark 5.0	1	<b>9.412 916</b>



### 4 Labels for label printers BMP™71 NEW!

Please order printer ribbons separately.

Brady

Type	Length m	Width Tip mm	For ink ribbon	PK	Cat. No.
B-595	15.24	13.00	M71-6000	1	<b>9.412 900</b>
B-595	15.24	25.40	M71-6000	1	<b>9.412 901</b>
B-595	15.24	50.80	M71-6000	1	<b>9.412 902</b>
B-461	45.70	12.70	M71-4300	500	<b>9.412 903</b>
B-461	45.70	9.53	M71-4300	500	<b>6.228 911</b>
B-461	41.28	15.24	M71-4300	250	<b>6.224 171</b>
B-498	12.70	25.40	M71-6200	500	<b>9.412 904</b>
B-498	38.10	25.40	M71-6200	250	<b>9.412 905</b>
B-499	25.40	9.50	M71-4300	500	<b>9.412 906</b>
B-499	12.70	22.90	M71-4300	500	<b>9.412 907</b>
B-499	9.50	25.40*	M71-4300	500	<b>9.412 908</b>
B-488	22.90	19.10	M71-4300; M71-6200	250	<b>9.412 909</b>
B-488	22.90	22.90	M71-4300; M71-6200	250	<b>9.412 910</b>

\* with 9.525 diameter vial top label.



### 1 Permanent markers, edding 404, 0.75mm

Stroke width approx. 0.75mm. Low-odour, smudge-proof water-resistant and quick drying. Refillable. Replaceable tips. For labelling, painting and writing on virtually all materials, including glass, metal and plastics. Alcohol-based ink without toluene/xylene. Colours as outlined below.

Colour	PK	Cat. No.
Black	1	9.050 451
Red	1	9.050 452
Blue	1	9.050 453
Green	1	9.050 454



### 2 Permanent markers, edding 400, 1mm

Stroke width approx. 1mm. Low odour, smudge-proof water-resistant and quick-drying. Refillable. With replaceable tips. For labelling, painting and marking on virtually all materials including glass, metal and plastics. Alcohol-based ink without toluene/xylene.

Colour	PK	Cat. No.
Black	1	9.050 421
Red	1	9.050 422
Blue	1	9.050 423
Green	1	9.050 424



### 3 Permanent markers, edding 3000, 1.5mm to 3mm

The classic with round tip. Stroke width approximately 1.5mm to 3mm. Low-odour, smudge-proof and water-resistant and quick drying. Refillable. Replaceable tips. For labelling, painting and writing on virtually all materials, including glass, metal and plastics. Alcohol-based ink without toluene/xylene. Colours as outlined below.

Colour	PK	Cat. No.
Black	1	9.050 411
Red	1	9.050 412
Blue	1	9.050 413
Green	1	9.050 414



### 4 Lab markers, 0.6mm and 1.0mm NEW!

Writes on dry or wet surfaces including glass, plastic, china and metal. Fine line markers. Colour does not run in water or alcohol when used normally, but can be washed off.

Description	Colour	PK	Cat. No.
extra fine fibre point, approx. 0.6 mm	black	1	9.050 581
extra fine fibre point, approx. 0.6 mm	red	1	9.050 582
extra fine fibre point, approx. 0.6 mm	blue	1	9.050 583
extra fine fibre point, approx. 0.6 mm	green	1	9.050 584
fine fibre point, approx. 1.0 mm	black	1	9.050 601
fine fibre point, approx. 1.0 mm	red	1	9.050 602
fine fibre point, approx. 1.0 mm	blue	1	9.050 603
fine fibre point, approx. 1.0 mm	green	1	9.050 604



### 5 LAB-Marker II, 0.6mm, highly permanent

With hard wearing, fine fibre point. For labelling most materials (plastic, metal, china, glass etc.) Line thickness: 0.6mm. Particularly suitable for tissue and cell culture applications. The non-toxic ink is dye, bleach and wash-resistant and also resists the strongest solvents including alcohol and xylene.

Colour	PK	Cat. No.
black	1	9.050 611
red	1	9.050 612



### 6 CD/DVD/BD markers, edding 8400, 0.5mm to 1mm

Stroke width approx. 0.5mm to 1mm. Special marker for the careful and permanent labelling of CDs, DVDs and Blu-ray discs. Soft tip and special water-based ink (solvent-free) will not damage the sensitive surface of the data layer unlike alcohol-based ink. Ink is smudge-proof and water-resistant on drying.

Colour	PK	Cat. No.
Black	1	9.050 696



## General laboratory aids/Documenting-Laboratory jacks



### 1 Cryoware marker set, Type 6313

For durable labelling of cardboard, plastic and cloth material for use at ultra-low temperatures. Non-smudge and non-running. Removable with alcohol. Extra fine point. Two packs available - 1 pack contains one each red, green, black and blue marker while the other pack contains black markers only.

*Nalgene*

Type	Description	PK	Cat. No.
6313	Assorted	4	<b>9.400 978</b>
6313	Black	4	<b>9.400 979</b>



### 2 LLG-Lab Notebook

**NEW!**

For recording research data, experimental procedures, and design ideas. Use these notebooks to keep your information safe and well organised. Numbered, acid-free, grid pages include spaces for title, project number, book number, date, and witness signature. Lined notebooks feature college ruled pages for easy report writing. Covers are waterproof and chemical-resistant. All notebooks contain periodic and conversion tables in the back. Admissible as court evidence when used as prescribed by law. Measures 8½ x 11" or 218mm x 281mm.

Description	Type	Colour	PK	Cat. No.
Lab Notebook, A4, 100 pages	grid	black	1	<b>9.050 750</b>
Lab Notebook, A4, 200 pages	grid	blue	1	<b>9.050 751</b>
Lab Notebook, A4, 200 pages	lined	red	1	<b>9.050 752</b>



### 3 Swiss Boy laboratory jacks

Anodised aluminium. Corrosion proof, stable, easily adjustable. In various colours as outlined below.

Width	Length	Adjustable from / to	Max. Colour load	PK	Cat. No.
mm	mm	mm	kg		
40	50	31 - 93	20 Green	1	<b>9.117 100</b>
75	80	49 - 147	30 Blue	1	<b>9.117 105</b>
140	120	60 - 243	50 Pink	1	<b>9.117 110</b>
150	122	80 - 278	80 Gold	1	<b>9.117 115</b>
216	180	95 - 398	90 Light blue	1	<b>9.117 116</b>
320	240	120 - 500	90 Grey	1	<b>9.117 118</b>



### 4 Swiss Boy laboratory jack accessories

Swiss Boy laboratory stand accessories. Baseplates and ancillary plates made of grey/black anodised aluminium. Support used to attach Swiss Boys in any position to apparatus scaffolding existing in many laboratories. Maximum support rod diameter 20mm. Black.

Description	Width mm	Length mm	PK	Cat. No.
Ancillary plate	200	200	1	<b>9.117 130</b>
Ancillary plate	300	300	1	<b>9.117 131</b>
Ancillary plate	260	180	1	<b>9.117 132</b>
Ancillary plate	500	400	1	<b>9.117 134</b>
Ancillary plate	220	320	1	<b>9.117 135</b>
Baseplate	200	200	1	<b>9.117 133</b>
Support rod	12	650	1	<b>9.117 177</b>
Support			1	<b>9.117 199</b>

### 1 2 Laboratory jacks

Manufactured in 18/10 steel, to DIN 12897.

Bochem

**Type A:** With control knob (see diagram below).

**Type B:** With control knob for ratchet. Only usable with a ratchet.

Ratchet must be ordered separately - Cat.No. 9. 118 921.

Type	Width mm	Length mm	Min. height mm	Max. height mm	Max. dyn. kg	Max. stat. kg	PK	Cat. No.
A	100	100	55	120	5	10	1	9.118 923
A	130	160	60	275	7	30	1	9.118 924
A	200	200	60	275	7	30	1	9.118 925
A	240	240	60	275	7	30	1	9.118 926
B	300	300	130	470	12	60	1	9.118 928
B	400	400	130	470	15	60	1	9.118 929
Ratchet		190					1	9.118 921



### 3 4 Laboratory jacks

Epoxy coated aluminium. Green finish, to DIN 12897.

Bochem

**Type A:** With control knob (see diagram below)

**Type B:** With control knob for ratchet. Only usable with a ratchet.

Ratchet must be ordered separately - Cat.No. 9.118 921.

Type	Width mm	Length mm	Min. height mm	Max. height mm	Max. dyn. kg	Max. stat. kg	PK	Cat. No.
A	100	100	55	120	5	10	1	9.118 960
A	160	130	60	275	7	30	1	9.118 961
A	200	200	60	275	7	30	1	9.118 962
A	240	240	60	275	7	30	1	9.118 963
B	300	300	130	470	12	60	1	9.118 964
B	400	400	130	470	15	60	1	9.118 965
Ratchet		190					1	9.118 921



### 5 6 Laboratory jacks

Anodised aluminium. Blue, to DIN 12897.

Bochem

**Type A:** With control knob (see diagram below).

**Type B:** With control knob for ratchet. Only usable with a ratchet.

Ratchet must be ordered separately - Cat.No. 9. 118 921.

Type	Width mm	Length mm	Min. height mm	Max. height mm	Max. dyn. kg	Max. stat. kg	PK	Cat. No.
A	100	100	55	120	5	10	1	9.118 975
A	160	130	60	275	7	30	1	9.118 976
A	200	200	60	275	7	30	1	9.118 977
A	240	240	60	275	7	30	1	9.118 978
B	300	300	130	470	12	60	1	9.118 979
B	400	400	130	470	15	60	1	9.118 970
Ratchet		190					1	9.118 921



### 7 Laboratory jacks MAXI

Operating load (7kg max dynamic, 30kg static) according to DIN 12 897.

Bochem

- 30% more height

- made entirely in stainless steel

- with adjustment wheel

- other sizes available on request

Width mm	Length mm	Min. height mm	Max. height mm	PK	Cat. No.
130	160	75	400	1	6.225 931
200	200	75	400	1	9.118 945



## General laboratory aids/Laboratory jacks-Stands, Fittings

**1**


### 1 Laboratory jacks MAXI

Operating load (7kg max dynamic, 30kg static) according to DIN 12 897.

*Bochem*

- 30% more height
- aluminium construction
- with adjustment wheel
- other sizes available on request

Width	Length	Min. height	Max. height	PK	Cat. No.
mm	mm	mm	mm		
130	160	75	400	1	9.118 946
200	200	75	400	1	9.118 947

**2**


### 2 Laboratory jacks with hydraulic drive

Advantages:

*Juchheim Laborgeräte*

- easy, safe lifting
- stable, parallel movement
- alternative stainless steel versions available on request

Max. kg	Width mm	Length mm	Min. height mm	Max. height mm	PK	Cat. No.
25	200	230	91	285	1	9.118 980
25*	200	230	91	285	1	9.118 971
25**	200	230	91	285	1	9.118 981
15	200	230	108	393	1	9.118 982
25	300	300	91	285	1	9.118 983
25*	300	300	91	285	1	9.118 984

\* With safety lowering device

\*\*High-grade steel, except the pump unit

**3**


### 3 Laboratory jacks with hydraulic drive, high capacity

Advantages:

*Juchheim Laborgeräte*

- Easy and safe lifting
- Stable, parallel movement
- Alternative stainless steel versions (1.4571) on request

Width mm	Depth mm	Min. height mm	Max. height mm	Max. kg	PK	Cat. No.
400	450	175	625	85	1	9.118 985
500	500	230	850	85	1	9.118 986
600	600	230	1060	85	1	9.118 987

**4**


### 4 Support rods galvanized steel

Galvanized steel. To DIN 12893. External diameter 12mm.

With or without M10 thread.

Type	Length mm	PK	Cat. No.
With thread	600	1	4.008 490
With thread	750	1	6.242 703
With thread	1000	1	4.008 491
With thread	1500	1	9.224 115
Without thread	600	1	9.224 126
Without thread	750	1	9.224 127
Without thread	1000	1	9.224 130
Without thread	1500	1	9.224 135

**5**


### 5 Support rods 18/10 stainless steel

18/10 stainless steel. To DIN 12893. 12mm external diameter.

Thread	Length mm	PK	Cat. No.
M 10	600	1	4.008 492
M 10	750	1	4.008 493
M 10	1000	1	4.008 494
without	600	1	9.224 226
without	750	1	9.224 227
without	1000	1	9.224 230

### 1 Retort stand bases

Lacquered steel with green finish, M10 thread hole on one short side, 1 foot adjustable. To DIN 12892.

Bochem

Width mm	Length mm	Thickness mm	Weight g	PK	Cat. No.
160	250	6	2000	1	6.077 369
200	315	6	3000	1	9.224 041
130	210	8	1800	1	9.224 042
160	250	8	2600	1	9.224 043
200	315	8	4000	1	9.224 044
200	315	10	5000	1	9.224 045

1



### 2 Retort stand bases 18/10 Stainless steel

**NEW!**

Highly stable laboratory stand due to the steel tripod base which is stove enamel coated. With an M10 threaded hole in the middle of one short side. Rubber support feet prevents the stand from sliding. Laboratory stands are supplied without support rod. Please select the suitable rod from "support rods".

Thickness mm	Foot length mm	PK	Cat. No.
8	115	1	4.008 488
8	150	1	4.008 489

2



### 3 Retort stand bases 18/10 Stainless steel

**NEW!**

Highly stable laboratory stand due to the steel rectangular base which is stove enamel coated. With an M10 threaded hole in the middle of one short side. Rubber support feet prevents the stand from sliding. Laboratory stands are supplied without support rod. Please select the suitable rod from "support rods".

Width mm	Length mm	PK	Cat. No.
130	210	1	6.242 701
150	300	1	4.008 486
200	315	1	4.008 487

3



### 4 Retort stand bases, Steel

**NEW!**

Steel, powder-coated. With an M10 bore hole in the middle of one of the shorter sides.

Juchheim Laborgeräte

Dimensions mm	Weight g	PK	Cat. No.
210 x 130	1800	1	6.301 718
300 x 150	2900	1	6.307 252
315 x 200	4100	1	6.074 044

4



### Retort stand base, tripod pattern

Steel, powder-coated. Tripod pattern, with rubber feet. With M10 threaded central hole.

Foot length mm	Thickness mm	PK	Cat. No.
115	8	1	9.224 051
150	8	1	9.224 054

### 5 Retort stand base, tripod pattern

**NEW!**

Cast iron varnished. Thread M10.

Bochem

Foot length mm	Weight kg	PK	Cat. No.
105	1.2	1	6.401 256
145	2.0	1	6.084 197

5





# 1. Lab consumables

## General laboratory aids/Stands, Fittings



### 1 Table clamps for rods, malleable cast iron, coated NEW!

For table tops with a thickness of max. 55mm. Rod diameter 12/13mm.

Bochem

Description	PK	Cat. No.
Table clamps	1	6.089 284



### 2 3 Support ring NEW!

Steel. With or without bosshead, as outlined below.

Juchheim Laborgeräte

Type	Ext. diam. mm	Weight g	PK	Cat. No.
without bosshead	70	157	1	6.900 428
without bosshead	100	216	1	6.900 429
without bosshead	130	230	1	6.201 068
without bosshead	160	260	1	6.900 430
without bosshead	180	346	1	6.900 761
with bosshead	70	210	1	6.076 309
with bosshead	100	236	1	9.223 900
with bosshead	130	266	1	9.223 901



### 4 Support rings Bochem

Length mm	Int. dia. mm	Material	Description	PK	Cat. No.
200	70	18/10 steel	without bosshead	1	9.225 027
220	100	18/10 steel	without bosshead	1	9.225 030
220	120	18/10 steel	without bosshead	1	9.225 033
200	70	steel	without bosshead	1	6.239 507
220	100	steel	without bosshead	1	6.239 804
220	130	steel	without bosshead	1	6.239 822
70	70	steel	with bosshead	1	9.225 081
70	100	steel	with bosshead	1	6.238 844
70	130	steel	with bosshead	1	7.651 881



### 5 Bosshead Bochem

Malleable cast iron with lacquered chrome finish. DIN 12895. With lug screw.

Jaw opening mm	PK	Cat. No.
16.5	1	9.224 254
20	1	6.225 278
36	1	6.802 614



### 6 Bosshead Bochem

18/10 steel. Precision cast. To DIN 12895. Material number 4301. Electrolytically polished, with lug screw. Angle 90°.

Jaw opening mm	PK	Cat. No.
16.5	1	9.224 252

### 1 Swivelling bosshead

18/10 steel. Precision cast. To DIN 12895. Material no. 4301. Electrolytically polished, with lug screw. Angle 0 to 360°.

Jaw opening	PK	Cat. No.
mm		
16.5	1	9.224 253



### 2 Bosshead, standard



Chrome plated cast alloy with smoothly opening distance of 0 - 15mm.

Available as 2 types:

- with fix stem that holds the objects on fixed position.
- with swivel mechanism which enables the object to freely swivel 360° and lockable at any desired angle.

Jaw opening	PK	Cat. No.
mm		
solid stem bosshead	1	6.238 711
swivel bosshead	1	6.239 009



### 3 Cross bosshead

Malleable cast iron with chrome finish. DIN 12895. 90° and 180° angle with lug screw.

Jaw opening	PK	Cat. No.
mm		
16.5	1	9.224 264



### 4 Cross bosshead

18/10 steel. Precision cast. To DIN 12895. Material no. 4301. Electrolytically polished, with lug screws. Opening angles 90° and 180°.

Jaw opening	PK	Cat. No.
mm		
16.5	1	9.224 263



### 5 Bossheads

Aluminium alloy\*or stainless steel 18/10\*\*.

Angle 180° and 90°.

Jaw opening	Thread	PK	Cat. No.
mm			
16.5*	M8	1	9.224 268
16.5**	M8	1	9.224 258
27*	M10	1	9.224 269



### 6 Lightweight bosshead

Aluminium, polished finish. Angle 90°.

Jaw opening	PK	Cat. No.
mm		
16.5	1	9.224 291



**1**


### 1 Bosshead, malleable iron

**NEW!**

Double bosshead malleable iron, epoxy coated.

*Juchheim Laborgeräte*

Jaw opening	Description	PK	Cat. No.
mm			
20	with M8 brass thumb bolt	1	9.223 902

### Bossheads, stainless steel

Stainless steel, electrolytically polished, for rods up to 16mm diameter. With tommy-bar screws.

Description	PK	Cat. No.
Bosshead	1	6.071 888

### Base, flexible, zinc die casting

Zinc die casting, nickel-plated, vinyl-coated jaws. Stem length 300mm, with 82mm diameter, heavy, stable base.

Description	Jaw opening	PK	Cat. No.
	mm		
Three-prong	0 to 40	1	6.303 795
Curved jaws	12 to 25	1	7.605 582

### Clamp, flexible with bosshead, zinc die casting

Zinc die casting, nickel-plated, vinyl-coated jaws, with revolvable sleeve. Stem length 300mm.

Description	Jaw opening	PK	Cat. No.
	mm		
Three-prong	0 to 40	1	6.088 853
Round jaws	12 to 25	1	6.800 733

**2**

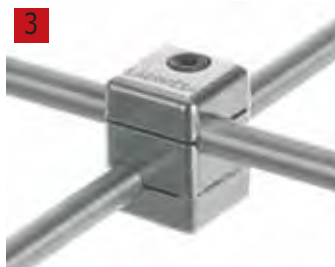

### 2 Three-prong clamp, malleable iron

**NEW!**

Malleable iron with epoxy coating for 1 burette

*Juchheim Laborgeräte*

Jaw opening	Weight	PK	Cat. No.
mm	g		
0 - 30	140	1	9.223 915

**3**


### 3 Cross bosshead, right-angle format, Aluminum alloy

LABOMECA. With hexagon socket screw.

*Bochem*

Jaw opening	PK	Cat. No.
mm		
12 to 13 x 12 to 13	1	9.224 274

**4**


### 4 Cross bosshead

Chrome plated cast steel, Suitable for frame works and fixing perpendiculars. Can be moved vertically and horizontally along the rods.

Description	PK	Cat. No.
suitable for rods 12mm	1	9.224 278

# 1. Lab consumables

## General laboratory aids/Stands, Fittings

### 1 Bossheads, malleable cast iron, chromed NEW!

Swivelling (360°). For M8 rods.

Jaw opening	PK	Cat. No.
mm		
16.5	1	6.079 307



### 2 Bossheads, aluminium NEW!

For M8 rods. Angle 90° and 180°.

Jaw opening	PK	Cat. No.
mm		
13	1	6.202 021



### 3 Swivelling bosshead NEW!

Aluminium, with toothed rim adjustment and brass screw thread and plastic grips.

Type	PK	Cat. No.
Swivelling bosshead	1	9.224 272



### 4 Multi-purpose bosshead light alloy NEW!

Juchheim Laborgeräte

Clamping range	Weight	Description	PK	Cat. No.
mm	g			
16	140	with M8 brass thumb bolt	1	9.223 904

### Hook connector, steel/stainless steel NEW!

Hook bosshead steel, epoxy coated or stainless steel with brass pressure block.

Juchheim Laborgeräte

Material	Clamping range	Description	PK	Cat. No.
	mm			
stainless steel	13	M8 stainless steel thumb bolt	1	9.223 905
steel	13	M8 brass thumb bolt	1	9.223 906



9.223 905

9.223 906

### 7 Hook clamp

Nickel plated steel. Thread M8.

Jaw opening	Angle	Thread	PK	Cat. No.
mm				
13	90	M8	1	9.224 284



**1**


### 1 Scaffold bosshead

Malleable cast iron with lacquered chrome finish. With heart screws.

Jaw opening	Angle	PK	Cat. No.
mm			
13	90	1	9.224 267

**2**


6.237 648

### Clamp, 2 prongs

**NEW!**

Chrome plated cast steel with two PVC coated prongs for gently holding the objects. Two separately adjustable clamps enable perfect control of holding pressure and precise positioning of the objects. Clamps can be opened and closed smoothly with a grip width of 0-50mm.

Available as 2 types:

- with solid stem of 12mm rod diameter, the holding angle and distance from the support rod can be adjusted by a separate bosshead.
- with swivel mechanism which enables the object to freely swivel 360° and lockable at any angle. Complete with a integral bosshead, usable for rods maximum diameter of 21mm.

Description	Jaw opening	PK	Cat. No.
	mm		
solid stem clamp	0 to 50	1	6.237 648 <b>2</b>
swivel clamp	0 to 50	1	9.224 401 <b>3</b>

**3**


9.224 401

**4**


### 4 Three-prong clamps, aluminium

**NEW!**

PVC-coated jaws.

*Bochem*

Jaw opening	PK	Cat. No.
mm		
0 to 70	1	6.510 909

**5**


### 5 Retort clamps

Standard, to DIN 12894. With round jaws.

*Bochem*

Jaw opening	Length	Material	PK	Cat. No.
mm	mm			
25	150	Malleable cast iron, zincked	1	9.224 470
40	150	Malleable cast iron, zincked	1	9.224 471
60	150	Malleable cast iron, zincked	1	9.224 472
80	180	Steel, zincked	1	6.306 164

**6**


### 6 Support clamps

18/10 steel. DIN 12984. Prongs with cork and round jaws. Without bosshead.

*Bochem*

Clamping range	Length	PK	Cat. No.
mm	mm		
25	150	1	9.224 425
40	150	1	9.224 440
60	150	1	9.224 460



### 1 Clamps, malleable iron NEW!

Stand clamp rounded jaws, malleable iron, epoxy coated. To DIN 12894.

Juchheim Laborgeräte

Clamping range	Weight	PK	Cat. No.
mm	g		
25	180	1	6.800 204
40	204	1	6.200 398
60	310	1	6.800 126
80	357	1	9.223 913



### Retort clamps, nickel-plated NEW!

Flexible shaft.

Bochem

Jaw opening	Description	Shaft length	PK	Cat. No.
mm		mm		
0 to 30	Finger with silicone coating	220	1	6.303 841 <span style="float: right;">2</span>
40	Finger with cork	290	1	6.300 995 <span style="float: right;">3</span>



6.303 841



6.300 995

### 4 Retort clamp

18/10 stainless steel. 3-prong with plastic covered jaws.

Bochem

Jaw opening	Length	PK	Cat. No.
mm	mm		
0 to 120	190	1	9.224 445



### 5 Beaker and flask clamp

18/10 steel. 4 prong with heat-resistant jaws.

Bochem

Jaw opening	Length	PK	Cat. No.
mm	mm		
0 to 120	150	1	9.224 448



### 6 Micro-clamps, die-cast zinc

DIN 12894, form A. Die-cast zinc, powder coated. With angular jaws.

Jaw opening	PK	Cat. No.
mm		
10 to 25	1	9.224 307



### Micro clamps

Lacquered green finish. Malleable cast iron. Prongs with cork/silicone\*.

Bochem

Type	Jaw opening	Length	PK	Cat. No.
	mm	mm		
1	15	150	1	9.224 330 <span style="float: right;">7</span>
2	15	150	1	9.224 331 <span style="float: right;">8</span>
3*	0 to 20	150	1	9.224 332 <span style="float: right;">9</span>



9.224 330



9.224 331



9.224 332

## General laboratory aids/Stands, Fittings



### 1 Micro clamps, with cork or silicone

18/10 steel. Cork/silicone\*coated jaws.

Bochem

Type	Jaw opening	Length	PK	Cat. No.
	mm	mm		
1	15	150	1	9.224 310
2	15	150	1	9.224 311
3*	0 to 20	150	1	9.224 312



### 4 Universal clamp, with cork

Prongs with cork.

Bochem

Jaw opening	Length	Material	PK	Cat. No.
mm	mm			
0 to 80	180	Aluminium, DIN pattern	1	9.224 501
0 to 80	150	18/10 steel	1	9.224 502



### 5 Burette and thermometer clamp

"Automatic". Sprung-clip jaws with chrome-plated shaft.

Bochem

Jaw opening	Length	PK	Cat. No.
mm	mm		
0 to 25	115	1	9.224 320



### 6 Burette and thermometer clamp

"Automatic".

Sprung-clip jaws with attached chrome-plated bosshead for 13.5mm max. diameter rods.

Bochem

Jaw opening	Length	PK	Cat. No.
mm	mm		
0 to 25	100	1	9.224 322



### 7 Chain clamps

Chain clamps malleable iron, epoxy coated, with brass chain.

Juchheim Laborgeräte

**NEW!**

Jaw opening	Weight	PK	Cat. No.
mm	g		
120	310	1	6.050 643
150	360	1	9.223 908



### 8 Chain clamp, steel.

Chain 70cm, silicone coating.

Bochem

**NEW!**

Jaw opening	Shaft length	PK	Cat. No.
mm	mm		
50 to 160	250	1	6.079 772

# 1. Lab consumables

## General laboratory aids/Stands, Fittings

### 1 Condenser clamp, malleable iron NEW!

Condenser clamp moveable support rod, malleable iron, epoxy coated.

Juchheim Laborgeräte

Jaw opening	Weight	PK	Cat. No.
mm	g		
85 mm	480	1	9.223 907



### 2 Condenser clamp, malleable cast iron, chromed NEW!

Swivel type, silicone coated.

Bochem

Jaw opening	Shaft length	PK	Cat. No.
mm	mm		
50 to 100	150	1	6.070 044



### 3 Burette clamps, nickel plated brass NEW!

Burette clamp with boss, nickel plated brass, for 1 burette.

Juchheim Laborgeräte

Jaw opening	Weight	PK	Cat. No.
mm	g		
0 - 40	180	1	9.223 916



### 4 Burette clamps, nickel plated brass NEW!

Burette clamp with boss, nickel plated brass, for 2 burettes.

Juchheim Laborgeräte

Jaw opening	Weight	PK	Cat. No.
mm	g		
0 - 40	180	1	9.223 917



### Burette clamps, steel. NEW!

With bosshead. Silicone-coated jaws. Clamping range 0 to 20mm.

Bochem

Type	PK	Cat. No.
For 1 burette	1	6.079 167 <span style="color: red;">5</span>
For 2 burettes	1	7.400 425 <span style="color: red;">6</span>



6.079 167



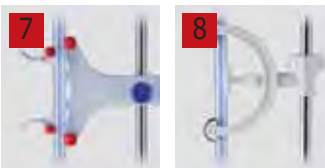
7.400 425

### Burette clamp NEW!

- Metal burette clamps are made out of steel and can hold one burette at a time. Graduations and meniscus line of the burette are clearly visible. They can be used on support rods of 8-14mm diameter.

- Polypropylene burette clamp can hold one burette at a time. Graduations and meniscus line of the burette are clearly visible. They can be used on support rods of 10-12mm diameter.

Description	PK	Cat. No.
Burette clamp, metal	1	4.008 313 <span style="color: red;">7</span>
Burette clamp, PP	1	6.240 474 <span style="color: red;">8</span>



4.008 313



6.240 474

# 1. Lab consumables

## General laboratory aids/Stands, Fittings-Batteries

1



### 1 Burette roller clamp, steel

**NEW!**

Burette roller clamp with boss, for 1 burette, epoxy coated.

Juchheim Laborgeräte

Jaw opening	Weight	PK	Cat. No.
mm	g		
0 - 30 mm	220	1	9.223 918

2



### 2 Burette roller clamp, steel

**NEW!**

Burette roller clamp with boss, for 2 burettes, epoxy coated.

Juchheim Laborgeräte

Jaw opening	Weight	PK	Cat. No.
mm	g		
0 - 30 mm	380	1	9.223 919

3



### 3 Burette holders, aluminium

**NEW!**

For two burettes. With bosshead. 170mm. PVC rollers.

Bochem

Jaw opening	PK	Cat. No.
mm		
0 to 13	1	6.076 204

4



### 4 Alkaline Batteries, Energizer Industrial

Best performance for industrial, medical and laboratory applications.

Type	Volt	PK	Cat. No.
LR6/EN91/AA/Mignon	1.5	4	9.012 919
LR03/EN92/AAA/Micro	1.5	4	9.012 920
LR14/EN93/C/Baby	1.5	12	9.012 921
LR20/EN95/D/Mono	1.5	12	9.012 922
6LR61/EN522/9V/E-Block	9.0	12	9.012 923

5



9.012 924

6



9.012 927

### Rechargeable NiMH batteries Energizer Profi

- rapid recharging
- no memory effect
- ecologically friendly
- economical

Type	Current	Volt	PK	Cat. No.
	mAh			
HR6/AA/Mignon	2450	1.2	2	9.012 924 <b>5</b>
HR6/AA/Mignon	2000	1.2	4	9.012 925
HR03/AAA/Micro	850	1.2	2	9.012 926
HR22/9V/E-Block	175	8.4	1	9.012 927 <b>6</b>

### 1 Alkaline Special Batteries Energizer

For a variety of measuring devices; thermometers, digital balances, pocket calculators, watches, timers etc.

Type	Volt	PK	Cat. No.
A76/LR44/13GA	1.5	2	9.012 932
EPX76/SR44	1.5	2	9.012 933
189/LR54/10GA	1.5	2	9.012 934



### Lithium Photo Batteries Energizer

For temperatures from -40°C to +60°C.

Type	Volt	PK	Cat. No.
EL123AP/CR17345	3.0	1	9.012 935
ELCR2AP	3.0	1	9.012 936
EL223AP/CRP2	6.0	1	9.012 937
EL2CR5AP/2CR5	6.0	1	9.012 938



9.012 935

9.012 937

### 4 Lithium batteries, Energizer

- for temperatures from -40°C to +60°C
- not rechargeable
- lasts up to 7 x longer in digital cameras
- carries a 15 year shelf life (guarantee: 90% of capacity after 15 years)
- 30% lighter than alkaline AA

Type	Volt	PK	Cat. No.
FR6/L91/AA/Mignon	1.5	2	9.012 928
FR03/L92/AAA/Micro	1.5	2	9.012 929

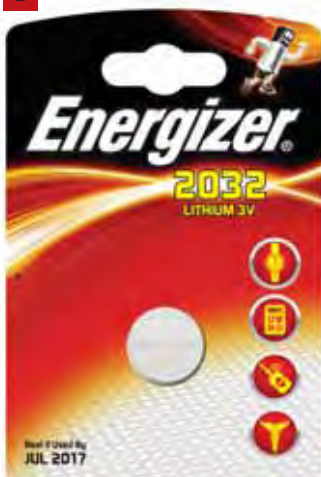




# 1. Lab consumables

## General laboratory aids/Batteries

1



### 1 Lithium coin cells Energizer (Batteries)

For a variety of meters, thermometers, digital balances, pocket calculators, watches, timers etc.

Type	Volt	PK	Cat. No.
CR2032	3.0	1	9.012 971
CR2025	3.0	1	9.012 972
CR2016	3.0	1	9.012 973
CR1025	3.0	1	9.012 974
CR1220	3.0	1	9.012 975
CR1620	3.0	1	9.012 976

2



### 2 Universal Charger Energizer

- for NiCd and NiMH cells
- accomodates 1 to 4 round batteries, sizes AA/AAA/C or D, and 2 x 9V square batteries
- detects chemistry, capacity and inappropriate batteries

Type	PK	Cat. No.
Universal battery charger	1	9.012 977

3



### 3 Compact Battery Charger Quattro Charger

**NEW!**  
Voltronic

- charges AA, AAA and 9V rechargeable batteries
- with 4-LED's with overload protection maintenance charge
- wrong polarity protection
- detects defective batteries
- including 2 x AA 2450mAh and 2 x AA 1000mAh

Type	PK	Cat. No.
Charger for 4x 2000 mAh Mignon	1	9.012 940



### 1 1 hr Charger, Energizer

The 1 hour charger combines the highest capacity cells (both AA and AAA) with the ultra fast charge.

- ideal for high drain and digital devices, especially digital cameras
- charges 1-4 "AA" or "AAA" NiMH rechargeable batteries at a time
- charges AA 2500mAh batteries in approximately 1 hour
- includes 2 x AA 2450 mAh NiMH batteries

Type	PK	Cat. No.
1 hr Charger	1	9.012 978



### 2 Aluminium foil

One side with a polished finish and the other side with a matt finish. Suitable for a wide range of laboratory applications, sealing, wrapping and forming temporary containers.

Length m	Width mm	Thickness mm	Description	PK	Cat. No.
20	300	0.013	Short roll	1	9.106 013
10	450	0.015	Short roll	1	9.106 015
150	450	0.015	Dispenser box	1	9.106 102
100	300	0.013	Dispenser box	1	9.106 103
150	450	0.015	Refilling roll	1	9.106 104
100	500	0.030	Dispenser box	1	9.106 105
10	300	0.015	Short roll	1	9.106 106
10	300	0.030	Short roll	1	9.106 107
200	500	0.050	Roll	1	9.106 205



### 3 Round aluminium discs

Interleaved with tissue paper. Foil thickness 0.03mm.

Dia. mm	PK	Cat. No.
80	1000	9.106 208
100	1000	9.106 210
120	1000	9.106 212
130	1000	9.106 213
150	1000	9.106 215



### 4 Aluminium containers, round

Capacity ml	Top dia. mm	Bottom dia. mm	Fill height mm	PK	Cat. No.
28	64	51	13	100	9.106 240
110	80	56	34	100	9.106 241
110	99	70	25	100	9.106 242
125	96	78	24	100	9.106 261
280	114	58	50	50	9.106 263



### Aluminium containers, square

**NEW!**

Novelis

Capacity ml	Dimensions top (D x W) mm	Dimensions bottom (D x W) mm	Fill height mm	PK	Cat. No.
251	103 x 128	67 x 93	34	100	<b>6.226 802</b> <b>1</b>
500	127 x 191	92 x 156	29	60	<b>9.106 266</b> <b>2</b>



6.226 802



9.106 266



### 3 4 LLG-Surface protector DescProtect

DescProtect is a durable paper which quickly absorbs liquid spills. The PE-coated base layer stops liquids reaching the work surface.

- stays flat, does not ripple or curl to de-stabilise vessels
- white surface can be written on using pens or pencils
- rapid absorption of liquid spills
- excellent fluid protection
- no contamination of work surfaces or laboratory cabinets
- suitable for school laboratories, wet chemistry, industry, or for use in animal cages



Type	Size	PK	Cat. No.
Sheets	460 mm x 570 mm	50	<b>9.160 270</b>
Spool	400 mm x 50 m	1	<b>9.160 271</b>



### 5 Lab Soakers VERSI-DRY®, Standard, Type 62050

**NEW!**

Nalgene

Paper with PE backer. Absorbs 750ml/m<sup>2</sup>. With a skid-resistant, waterproof, chemical-resistant polyethylene backing that makes spill containment easy. Thousands of Thirsty Cells™ quickly absorb spills and cushion breakable labware. Use as a tray, drawer or shelf liner or to wipe up spills.

Type	Description	Size cm	PK	Cat. No.
62050	Dispenser Roll	51 x 9150	1	<b>9.413 300</b>
62050	Roll	51 x 9150	1	<b>9.413 301</b>
62050	Dispenser Roll	51 x 3050	4	<b>6.229 628</b>
62050	Roll	51 x 4600	2	<b>6.227 868</b>
62050	Mat	51 x 46	350	<b>6.802 397</b>



### 6 Lab Soakers VERSI-DRY®, Super, Type 74000

**NEW!**

Nalgene

Paper with PE backer. Absorbs 1050ml/m<sup>2</sup>. With a skid-resistant, waterproof, chemical-resistant polyethylene backing that makes spill containment easy. Thousands of Thirsty Cells™ quickly absorb spills and cushion breakable labware. Sized for benchtop, floor, and fume hood. Use as a tray, drawer or shelf liner or to wipe up spills. Includes durable cloth-like top layer that won't fall apart when wet, can be used as a floor soaker.

Type	Description	Size cm	PK	Cat. No.
74000	Roll	51 x 7620	1	<b>7.651 842</b>
74000	Roll	51 x 3050	1	<b>6.802 333</b>
74000	Fume Hood Mat	46 x 51	50	<b>9.413 306</b>
74000	Mat	46 x 51	50	<b>9.413 302</b>
74000	Mat	46 x 102	25	<b>9.413 303</b>
74000	Table Mat	51 x 110	25	<b>9.413 304</b>
74000	Floor Mat	46 x 102	25	<b>9.413 307</b>
74000	Floor Mat	102 x 6100	1	<b>9.413 305</b>

### 1 Bench protector, Lab Mat

PE-backed absorbent paper on a roll. Ideal for protecting work surfaces when working with reagents. Easily cut to size.

Length: 15.2m  
Width: 508mm.

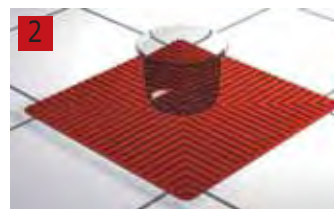
Type	PK	Cat. No.
Bench protector, Lab Mat	1	9.106 288



### 2 Laboratory mats

- non-slip
- silicone
- withstands temperatures up to 260°C
- available in black or red

Colour	Dimensions mm	PK	Cat. No.
Red	250 x 250	1	9.390 090
Black	250 x 250	1	9.390 091
Red	350 x 350	1	9.390 092
Black	350 x 350	1	9.390 093



### 3 Impulse heat sealing tongs polystar® 110 GE

Double impulse heating. LED readout allows a visual check on the sealing progress. Pressure switch triggers the welding process. A special pressure switch for generating the heat impulse guarantees constant welding results. Includes 3m connection cable.

Type	Length*	Weight g	PK	Cat. No.
200 D	200	750	1	9.106 837
300 D	300	800	1	9.106 838

\* Seal length max. (mm)



### 4 Impulse generator polystar® 110 GE

For impulse heat sealing tongs 9.106 830

Electric current requirement: 3.7A max.  
Power consumption: approx. 0.1kW/hr.  
Supply requirements: 220V 50Hz

Width mm	Depth mm	Height mm	PK	Cat. No.
296	195	132	1	9.106 836



### 5 Foilsealer FS 40

Seals and separates contents in one process. Electronic fusing timer. Automatic air removal. Fixed sealing time. With indicator light, cable storage compartment. Supply requirement: 230V, 75W.

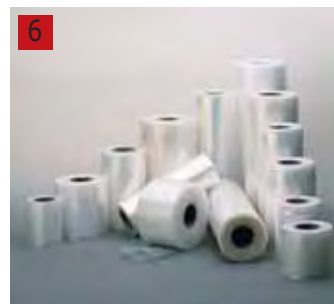
Type	PK	Cat. No.
FS 40 vacuplus	1	9.106 800



### 6 Plastic film, rolls

Transparent. PE. Supplied in 25m rolls. Other widths are available on request.

Thickness mm	Width mm	PK	Cat. No.
0.05	80	1	9.106 508
0.05	100	1	9.106 510
0.05	150	1	9.106 515
0.05	200	1	9.106 520
0.05	250	1	9.106 525
0.05	300	1	9.106 530
0.10	80	1	9.106 538
0.10	100	1	9.106 540
0.10	150	1	9.106 545
0.10	200	1	9.106 550
0.10	250	1	9.106 555
0.10	300	1	9.106 560





**1**


### 1 Boiling and freezing film

Type FO 70. For use with FS 40, 50, 400, 500 foilsealer.  
Temperature range -40 to +110°C. Can be written on. 3 rolls each of 10m.

Type	PK	Cat. No.
FO 70	3	9.106 801

**2**


### 2 SAROGOLD®

Extra-strong foil. PVC-based.  
Good barrier properties protects the user against contact with dangerous substances (e.g. ethidium bromide or contaminated isotopes) from the sealed material and it is therefore suitable for covering sequencing gels in Electrophoresis applications.

Ideal characteristics for use:

- does not stick, easy to unravel
- with cutter
- non-flammable
- self-extinguishing
- microwaveable

#### Specifications

Film thickness:	11.5µm
Permeability in the visible area:	90%
UV-filtering:	300Å
IR-permeability:	88%
Width:	300mm
Length:	300m

Type	PK	Cat. No.
SAROGOLD®	1	9.106 460

**3**


### 3 Cling film Toppits®

- easy to use and better adhesion
- Our best freshness protection
- slight initial determination
- very easy to roll
- particularly strong
- With time beginning Findex
- Tear-off cap box with stable
- Role of fixation for easy rolling

Width mm	Length m	PK	Cat. No.
320	20	1	9.106 450

**4**


### 4 Freezer bags

Polar One. With tear-resistant seam.

Capacity L	Width mm	Length mm	PK	Cat. No.
1	190	240	40	9.033 251
3	250	320	30	9.033 252
6	290	470	20	9.033 253

**5**


### 5 LLG-Disposal bags, PE

Transparent. PE. Without seal.

Width mm	Length mm	Thickness mm	PK	Cat. No.
100	150	0.05	100	9.404 128
150	200	0.05	100	9.404 130
200	350	0.05	100	9.404 140
250	400	0.05	100	9.404 150
250	400	0.10	100	9.404 151
300	500	0.05	100	9.404 152
300	500	0.10	100	9.404 153



### 1 Pressure-seal bags with write on patch, PE

Transparent. PE. With rim channel seal that can be opened and closed repeatedly, and write-on patch.

Width mm	Length mm	Thickness mm	PK	Cat. No.
40	60	0.05	100	9.404 176
70	100	0.05	100	9.404 173
80	120	0.05	100	9.404 179
100	150	0.05	100	9.404 171
120	170	0.05	100	9.404 172
160	220	0.05	100	9.404 177
200	300	0.05	100	9.404 178



### 2 Pressure-seal bags, PE

**NEW!**

Transparent. PE. With rim channel seal that can be opened and closed repeatedly.

Width mm	Length mm	Thickness mm	PK	Cat. No.
80	120	0.05	100	9.404 160
100	150	0.05	100	9.404 161
120	170	0.05	100	9.404 162
150	220	0.05	100	9.404 163
180	250	0.05	100	9.404 164
200	300	0.05	100	9.404 165
220	310	0.05	100	6.304 307
250	350	0.05	100	9.404 166
300	400	0.05	100	9.404 167



### 3 Parafilm® M sealing film

Can be stretched up to 200% and clings around irregular shapes and surfaces.

Parafilm® M is resistant to many polar substances such as saline solutions, inorganic acids and alkaline solutions for up to 48 hours (After this time it may become brittle).

Parafilm® M conforms to general FDA requirements if used below 55°C.

Parafilm® M data

Toxicity

Melting temperature:

Burning point:

Continued use temperature:

Stretching ability:

Elongation at tear:

Gas permeability over 24 hours at 23°C and 50% relative air humidity

O<sub>2</sub> (Oxygen):

N<sub>2</sub> (Nitrogen):

CO<sub>2</sub> (Carbon dioxide):

Steam permeability over 24 hrs. at 37°C and 90% relative air humidity:

Non-toxic

60°C

301°C

-45°C to +50°C

200%

300%

less than 350cm<sup>3</sup>/m<sup>2</sup>

less than 105cm<sup>3</sup>/m<sup>2</sup>

less than 1100cm<sup>3</sup>/m<sup>2</sup>

0.8g/m<sup>2</sup>



Type	Width mm	Length m	PK	Cat. No.
PARAFILM® M	50	75	1	9.170 003
PARAFILM® M	100	38	1	9.170 002
PARAFILM® M	100	75	1	9.170 005
PARAFILM® M	500	15	1	9.170 004



## General laboratory aids/Bags, Foils-Greases

### Parafilm dispenser

Parafilm feeds through easily and is easy to cut using the safety cutting device. For rolls up to 100mm wide.

Type	PK	Cat. No.
PARAFILM® M dispenser, plexiglas	1	9.170 000 <b>1</b>
PARAFILM® M dispenser, ABS	1	9.170 001 <b>2</b>
PARAFILM® M dispenser	1	9.170 010 <b>3</b>



9.170 000



9.170 001



9.170 010



### 4 PTFE spray

In canister.

Capacity ml	PK	Cat. No.
400	1	9.220 980



### 5 Silicone separating agent AK

To aid the separation of 'frozen' ground glass connections and lubricate stirrer bearings etc. Supplied in a spray as outlined below.

Capacity ml	PK	Cat. No.
200	1	9.220 990



### 6 Gas leak detection fluid

DIN 30657 gas, trace and leak detection fluid. Non-allergenic, non-toxic and odourless. Suitable for all pressure ranges. Non-flammable and therefore suitable for all technical gases such as ammonia, argon and other noble gases, freon, carbon dioxide, coal gas, compressed air, propane, oxygen, nitrogen, water etc. Propellant-free. Unpressurised canister. Flash-point greater than 50°C. Unlimited shelf life. Tested and approved under DIN-DVGW-No. NG to 5170 AN 0456

Type	PK	Cat. No.
Gas leak detection fluid	1	9.110 010
Sprayhead	1	9.110 011



### 7 Sealing tape, PTFE

For covering areas which require protection against chemicals of all types at temperatures of -150 to +260°C. Non-swelling. Easy loosening of seams even after continuous operation. Supplied in rolls as outlined below.

Width mm	Length cm	Wall thickness mm	PK	Cat. No.
12.8	670	0.1	1	9.404 952
24.0	670	0.1	1	9.404 955