



Catalogue pressure moulding technique

Material, laboratory equipment and accessories



Contents:

Material 4-25

BIOCRYL® C	4
BIOCRYL® Form X	4
BIOCRYL® M	4
BIOCRYL®-RESIN	18
BIOPERM Trimmer	25
BIOPLAST®	10
BIOPLAST® bleach	10
BIOPLAST® Color	9
BIOPLAST® Insulation agent	17
BIOPLAST® Multicolor	9
BIOPLAST® XTREME	8
BIOPLAST® XTREME Deco	9
BIOPLAST® XTREME Kit	8
BIOPLAST® XTREME PRO Kit	8
Blocking-out putty	17
BLUE-BLOKKER®	16
BRUX CHECKER® acc. to Prof. Sato ..	10
CA® Carbide bur	24
CLEAR-BLOKKER®	19
COPYPLAST®	12
COPYPLAST® C	12
Cutting bur	24
DIMO®	25
DIMO®PRO / DIMO®PRO SLIM	25
DURAN®	5
DURAN®+	5
DURAN®+ A2 pd	6
DURAN®+ white pd	6
DURASOFT® blue pd	7
DURASOFT® pd	6
DURASOFT® seal	7
DURASPLINT®	18

DURASPLINT® LC	19
Finishing bur	24
Finishing Set	24
Foam discs	22
HARDCAST®	12
HM Carbide cutter	24
HM Tricutter fine	24
IMPRELON®	11
IMPRELON® S pd	11
Impression tray handles	22
Indirect bonding technology	14
ISOFOLAN®	13
LC Burs	21
LC Insulation	20
LC Primer	20
OSAMU-Bond	20
OSAMU Polisher	25
OSAMU-Retainer® Kit	11
Pellet brush	23
Pellet Cover	23
POLYFIX	25
SD Bond	14
SD Bracket pincers	15
SD Bracket remover	15
SD Composite primer	20
SD Cutter	15
SD Felt wheel	21
SD Foil scissors A	22
SD Foil scissors B	23
SD High-gloss polishing mop	21
SD Polishing brush	21
SD Polishing paste	21
SD Scalpel	14

SD Separating disc, serrated	15
SD Silicone	14
SIL-KITT	16
Skin Packaging	13
Spacer Foil	13
Stainless steel pellets	23

Laboratory equipment 26-31

BIOSTAR®	26
Heating Support	29
Hinge fixator	30
LC 6 Light Oven	29
LC Mini Light	29
MINISTAR S®	27
Model holder	31
Model Platform	29
Mounting splints	30
Parallelometer	31
Sampler of pressure moulding material	27
Split-Fixator	30
TWINSTAR® P	28
TWINSTAR® V	28

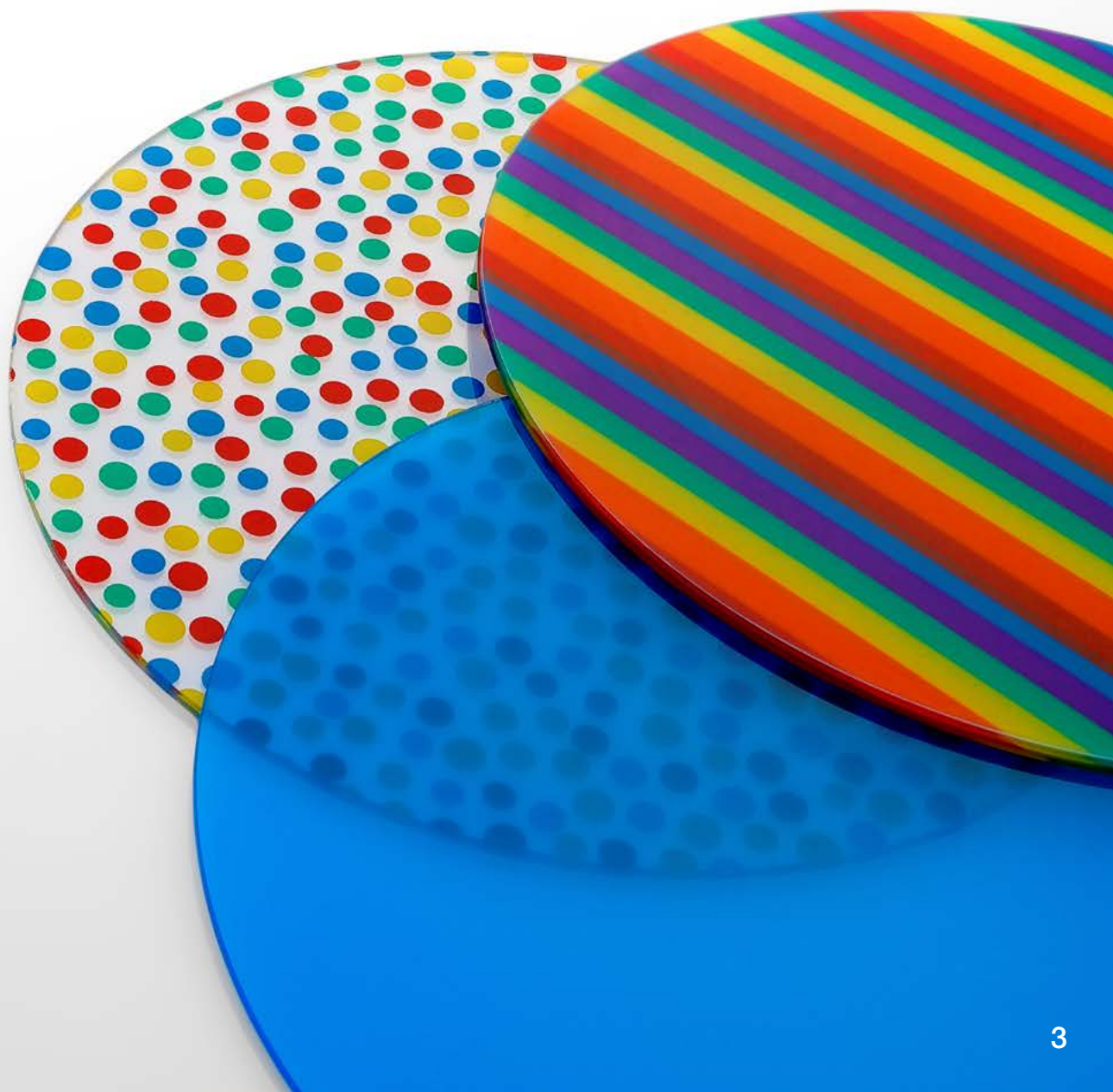
Accessories 32

CETRON® Care set	32
CETRON® Cleansing powder	32
CETRON® Cleansing spray	32
Retainer boxes	32

Indication Chart on Applications in the Pressure Moulding Technique	34-35
---	-------

50 years of competence and experience.

Tried and tested. Our pressure moulding material has been tested in terms of cell biology according to the international standards DIN EN ISO 10993 and 7405 and has been released for clinical purposes. The bar code on each blank ensures quick and simple handling.





BIOCRYL® C

Break-resistant acrylic material of pure PMMA, monomer-free, without allergenic irritants, bonds to acrylic.

Application

Orthodontic plates and retainers

// 2.0 x 125 mm*	○ clear	#3147
// 2.0 x 125 mm**	● red	#3149
// 2.0 x 125 mm**	● blue	#3150
// 2.0 x 125 mm**	● yellow	#3151
// 2.0 x 125 mm*	○ rose-transparent	#3152
// 3.0 x 125 mm*	○ clear	#3153

*10 /100 pieces ** 10 pieces

CE

BIOCRYL® M

Hard-elastic, monomer-free material, without allergenic irritants, bonds to acrylic.

Application

Orthodontic plates and retainers

// 2.0 x 125 mm	○ Multicolor-Set*	#3228
// 2.0 x 125 mm	● Polka-Dots	#3229
// 2.0 x 125 mm	● Zebra	#3230
// 2.0 x 125 mm	● Rainbow	#3231
// 2.0 x 125 mm	● Tiger	#3232
// 2.0 x 125 mm	● Camouflage	#3233

10 pieces *5 x 2 pieces

CE



NEW!

BIOCRYL® Form X

Visco-elastic material, does not bond to acrylic, blue.

Application

Radiopaque material for the exact visualisation of the clinical situation in computer tomography.

// 1.5 x 125 mm	● blue	#3148
-----------------	--------	-------

CE

DURAN®

Hard-elastic transparent material, bonds to DURASPLINT® and DURASPLINT® LC. Apply LC primer prior to using DURASPLINT® LC. No pre-drying required.

Application

Miniplast splints, occlusal splints, interim and fluorisation splints, drilling/X-ray templates, ant-snoring appliances, invisible retainers, temporary crowns and bridges.

// 0.4 x 125 mm*	○ clear	#3470
// 0.5 x 125 mm	○ clear	#3411
// 0.625 x 125 mm	○ clear	#3409
// 0.75 x 125 mm	○ clear	#3413
// 1.0 x 125 mm	○ clear	#3415
// 1.5 x 125 mm	○ clear	#3417
// 2.0 x 125 mm	○ clear	#3419
// 3.0 x 125 mm	○ clear	#3421

10/100 pieces * 10 pieces

CE



DURAN®+

Hard-elastic transparent material, bonds to DURASPLINT® and DURASPLINT® LC. Apply LC primer prior to using DURASPLINT® LC. With integrated insulation foil. No pre-drying required.

Application

Miniplast splints, occlusal splints, interim and fluorisation splints, X-ray/drilling templates, anti-snoring devices, temporary crowns and bridges, invisible retainer.

// 0.4 x 125 mm*	○ clear	#3472
// 0.5 x 125 mm	○ clear	#3426
// 0.625 x 125 mm	○ clear	#3428
// 0.75 x 125 mm	○ clear	#3430
// 1.0 x 125 mm	○ clear	#3432
// 1.5 x 125 mm	○ clear	#3434
// 2.0 x 125 mm	○ clear	#3436

10/100 pieces * 10 pieces

CE





DURAN®+ A2 pd

New material in proven DURAN® quality, now available in aesthetic colour (VITA A2). **With integrated insulation foil.** Already pre-dried and vacuum sealed for instant use.

Application

Tooth coloured temporaries, splints for planning and demonstration for aligner treatments

0.5 x 125 mm	#3422
0.625 x 125 mm	#3424
0.75 x 125 mm	#3423

10 pieces

CE

NEW!

DURAN®+ white pd

New material in proven DURAN® quality, now available in white (Vita OM1). **With integrated insulation foil.** Already pre-dried and vacuum sealed for instant use.

Application

Cosmetic splints

0.5 x 125 mm	#3473
0.625 x 125 mm	#3474
0.75 x 125 mm	#3475

10 pieces

CE



DURASOFT® pd

Unbreakable, abrasion-resistant, transparent compound material – hard on one side and soft on the other. Hard side bonds to acrylic. Already pre-dried and vacuum sealed for instant use.

Application

Miniplast splints, bruxism splints, occlusal splints

1.2 x 125 mm*	hard/soft 0.7 mm / 0.5 mm	#3342
1.8 x 125 mm*	hard/soft 0.9 mm / 0.9 mm	#3388
2.5 x 125 mm*	hard/soft 1.6 mm / 0.9 mm	#3387
3.0 x 125 mm**	hard/soft 2.1 mm / 0.9 mm	#3341
4.0 x 125 mm**	hard/soft 3.1 mm / 0.9 mm	#3345

*10 /100 pieces ** 10 pieces

CE



DURASOFT® blue pd

The proven break and abrasion resistant material in blue-transparent colour. Already pre-dried and vacuum sealed for instant use.

Application

Specifically for simple fabrication of coloured intra-oral anti-snoring devices. Blue colour increases aesthetics.

// 1.8 x 125 mm	● blue	#3347
// 2.5 x 125 mm	● blue	#3348

10 pieces

CE

DURASOFT® seal

Clear pressure moulding material made of thermoplastic polyurethane for use with DURASOFT® pd. Forms a robust inner layer and provides high quality hard-soft splints with excellent resistance against discolouration. Also available in blue and magenta.

Application

Discolouration resistant inner layer for DURASOFT® pd splints. Specifically designed for long-term use splints such as intra-oral anti-snoring devices.

// 0.1 x 125 mm	○ clear	#3338
// 0.1 x 125 mm	○ blue	#3339
// 0.1 x 125 mm	○ magenta	#3337

10 pieces

CE



BIOPLAST® XTREME Kit*

Two different degrees of hardness in one pressure moulding blank thanks to the integrated reinforcement in the delicate anterior region. Absorbs hard and flat impacts in contact sports. V-shaped harder insert for variable size of front tooth protection.

Kits come with 1 BIOPLAST® XTREME 5.0 x 125 mm, 1 bag of 15 g CETRON® cleansing powder, 1 BIOPLAST® insulating agent, retainer box.

/// BIOPLAST® XTREME Kit	● red	#3283
/// BIOPLAST® XTREME Kit	● blue	#3284
/// BIOPLAST® XTREME Kit	● black	#3285

* only for MINISTAR® from 4/92 and BIOSTAR® from 4/99

CE



BIOPLAST® XTREME PRO Kit*

For professional sports where hard and flat impacts often occur. Additional hard-elastic layer for integrated reinforcement in the anterior region.

Kits come with 1 BIOPLAST® XTREME 4.0 x 125 mm, 1 BIOPLAST® clear 2.0 x 125 mm, 1 DURAN® 0.75 x 125 mm, 1 bag of 15 g CETRON® cleansing powder, 1 BIOPLAST® insulating agent, retainer box.

/// BIOPLAST® XTREME PRO Kit	● red	#3292
/// BIOPLAST® XTREME PRO Kit	● blue	#3293
/// BIOPLAST® XTREME PRO Kit	● black	#3294

* only for MINISTAR® from 4/92 and BIOSTAR® from 4/99

CE



BIOPLAST® XTREME*

BIOPLAST® XTREME material is ideally suited for simple and safe preparation of individual mouth guard. Hard V-shaped reinforcement layer ensures additional protection in the anterior region, allowing precise positioning in the desired extension. Soft layer can be used for lamination with BIOPLAST® or for insertion of the counter bite.

/// 4.0 x 125 mm	● red	#3295
/// 4.0 x 125 mm	● blue	#3296
/// 4.0 x 125 mm	● black	#3297
/// 4.0 x 125 mm	○ clear	#3298
/// 5.0 x 125 mm	● red	#3286
/// 5.0 x 125 mm	● blue	#3287
/// 5.0 x 125 mm	● black	#3288
/// 5.0 x 125 mm	○ clear	#3289

10 pieces * only for MINISTAR® from 4/92 and BIOSTAR® from 4/99

CE



BIOPLAST® XTREME Deco*

The proven XTREME material for the fabrication of individual mouth guard is available in many individual designs.
A new manufacturing technology enables photo-realistic, multi-colour designing. Material does **not** bond to acrylic.

// 5.0 x 125 mm	○ chinese	#3312
// 5.0 x 125 mm	○ dragon	#3313
// 5.0 x 125 mm	○ kiss	#3314
// 5.0 x 125 mm	○ aqua	#3315
// 5.0 x 125 mm	○ stone	#3316
// 5.0 x 125 mm	○ lion	#3317

5 pieces * only for MINISTAR® from 4/92 and BIOSTAR® from 4/99

CE



BIOPLAST® Color

Soft, pliable rubber like material, does **not** bond to acrylic.

Application

Coloured mouth guards, positioners

// 3.0 x 125 mm	● blue-transparent	#3356
// 3.0 x 125 mm	● red-transparent	#3355
// 3.0 x 125 mm	○ white	#3445
// 3.0 x 125 mm	● black	#3448
// 3.0 x 125 mm	● neon red	#3352
// 3.0 x 125 mm	● neon green	#3353
// 3.0 x 125 mm	● azure	#3354
// 3.0 x 125 mm	○ Color set	#3271

10 pieces

CE

BIOPLAST® Multicolor

Soft, pliable rubber like material, does **not** bond to acrylic.

Application

Coloured mouth guards, positioners

// 3.0 x 125 mm	● Germany	#3390
// 3.0 x 125 mm	● France	#3391
// 3.0 x 125 mm	● Italy	#3392
// 3.0 x 125 mm	● Spain	#3393
// 3.0 x 125 mm	● Sweden	#3394
// 3.0 x 125 mm	● Brazil	#3395
// 3.0 x 125 mm	● Transylvania	#3396
// 3.0 x 125 mm	● Atlantis	#3397
// 3.0 x 125 mm	● White Dots	#3398
// 3.0 x 125 mm	● Green Dots	#3399
// 3.0 x 125 mm	○ Multicolor Set	#3400

10 pieces

CE





BIOPLAST®

Soft pliable rubber like material, does **not** bond to acrylic, clear-transparent.

Application

Duplicating moulds, mouth guard, bruxism splints, positioner, bleaching splints, OSAMU-Retaine®

// 1.0 x 125 mm	#3270
// 1.5 x 125 mm	#3183
// 2.0 x 125 mm	#3185
// 3.0 x 125 mm	#3187
// 4.0 x 125 mm**	#3188
// 5.0 x 125 mm*/**	#3374

10/100 pieces * 10 pieces

**only for MINISTAR® from 4/92 and BIOSTAR® from 4/99

CE



BIOPLAST® bleach

Soft pliable rubber like material, best suited for fabrication of bleaching splints. Material does **not** bond to acrylic.

// 1.0 x 125 mm

#3190

10/100 pieces

CE



NEU!

BRUX CHECKER® white



BRUX CHECKER® acc. to Prof. Sato

Foil with one-side colour coating for analysis and therapy planning as well as for control of prosthetic restorations.

// 0.1 x 125 mm	● red	#3209
// 0.1 x 125 mm	○ white	#3210

10/100 pieces

CE

Manual „Diagnosis of occlusion in bruxism“
(Kanagawa Dental College, Japan) can be found at
www.scheu-dental.com/en/downloads/other

IMPRELON®

Hard material, not elastic, bonds to acrylic.

Application

Material in clear and opaque for impression and medical trays, material in white for chin caps and bite registration.

2.0 x 125 mm	○ clear	#3164
3.0 x 125 mm*	○ clear	#3168
3.0 x 125 mm	○ white	#3274
3.0 x 125 mm	○ opaque	#3361

10 pieces * 10/100 pieces

CE



IMPRELON® S pd

Extremely break and abrasion resistant material. New formulation! Already pre-dried and vacuum sealed for instant use.

Application

OSAMU-Retainer®, miniplast splints, retention splints

0.5 x 125 mm	○ clear	#3320
0.75 x 125 mm*	○ clear	#3322
1.0 x 125 mm*	○ clear	#3324
1.5 x 125 mm	○ clear	#3326
2.0 x 125 mm	○ clear	#3328
3.0 x 125 mm	○ clear	#3330

10 pieces * 10/100 pieces

CE

OSAMU-Retainer® Kit

Transparent retainer acc. to Dr. Yoshii. Pressure-moulded using BIOPLAST® 1.5 mm and IMPRELON® S pd 0.75 mm and OSAMU Bond for optimal compound of material. OSAMU-Retainer® Kit for fabrication of 10 retainers. All components also available separately.

OSAMU-Retainer® Kit	#3242
10 IMPRELON® S pd (0.75 x 125 mm), 10 BIOPLAST® (1.5 x 125 mm), 10 ml OSAMU-Bond	

1 piece

CE



COPYPLAST®

Visco-elastic material, opaque, does **not** bond to acrylic.

Application

Duplicating moulds, bleaching splints, bracket transfer trays, copings, moulds for temporary crowns and bridges

// 0.5 x 125 mm	#3177
// 0.75 x 125 mm	#3169
// 1.0 x 125 mm	#3179
// 1.5 x 125 mm	#3175
// 2.0 x 125 mm	#3181

10/100 pieces

CE



COPYPLAST® C

Transparent, visco-elastic material, unbreakable and abrasion resistant, does **not** bond to acrylic.

Application

Long term and invisible retainers, orthodontic splints

// 1.0 x 125 mm	#3403
-----------------	-------

10/100 pieces

CE



HARDCAST®

Hard-elastic material, does **not** bond to acrylic, combustible leaving no residue, opaque.

Application

Copings, spacer foil for bleaching splints

// 0.4 x 125 mm	#3194
// 0.6 x 125 mm	#3195
// 0.8 x 125 mm	#3200

10 pieces

CE





Spacer Foil

For fabrication of copings, will be removed before embedding the model, clear.

// 0.1 x 125 mm

#3202

100 pieces



ISOFOLAN®

Ensures optimum insulation for plaster against acrylic in the pressure moulding technique. Best suited as spacer foil when pressurising hard-elastic material for splints.

// 0.1 x 125 mm

#3207

100 pieces



Skin Packaging

Protection packaging for sending out high quality models, consisting of cardboard and coating foil.

// Skin Packaging

#3206

// Coating foil (0.15 x 125 mm)

#3203

Protection cover for study and orthodontic models

100 pieces

Indirect bonding technology

Indirect bonding for precise transfer of the bracket position with considerable reduction of treatment time. Thanks to the specifically designed SD products described on these pages, the transfer matrix can be quickly and easily fabricated in the laboratory.



SD Bond

Water soluble, thixotropic adhesive for temporary fixing and positioning of brackets on the model. Optimum curing times and complete water solubility.

// SD Bond, 5 cartridges of 3 g
incl. cannula (ø 1.2 mm)

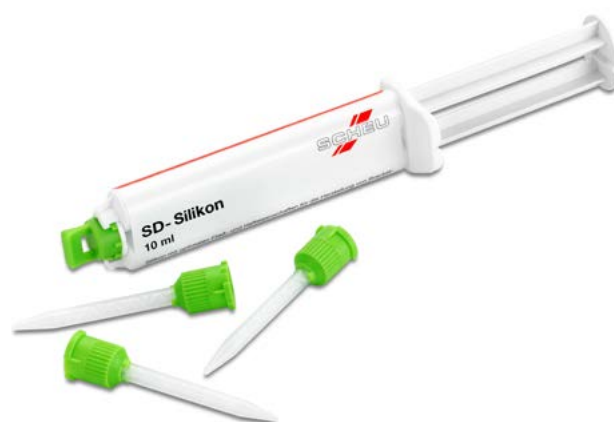
#3602

SD Silicone

Silicone with excellent pouring and adhesive characteristics for fabricating bracket transfer trays. For blocking-out and precise, stable fixing of brackets on the models during pressure-moulding, can be removed leaving no residue. Comes in two-component syringe, with 15 mixing cannula.

// SD silicone, double cartridge of 2 × 10ml
with 15 mixing cannula

#3603



SD Scalpel

Scalpel for precise orientation cuts in the bracket transfer foil in the area of the bracket slots, serving as basis for the future extension of the tray and for finishing.

// SD scalpel with 6 blades

#3604



SD Cutter

Smooth knife for precise reduction of the pressure-moulded bracket transfer tray below the bracket slots. Blade can be fixed for precise cuts, doesn't require further finishing.

// SD Cutter

#3605

SD Separating disc, serrated

Discs for precise and smooth cuts in the bracket transfer foil in the area of bracket slots, serving as orientation for the future extension of the tray and for finishing. Can also be used for finishing DURAN®.

// SD Separating disc, serrated,
3 discs, with mandrel

#3606

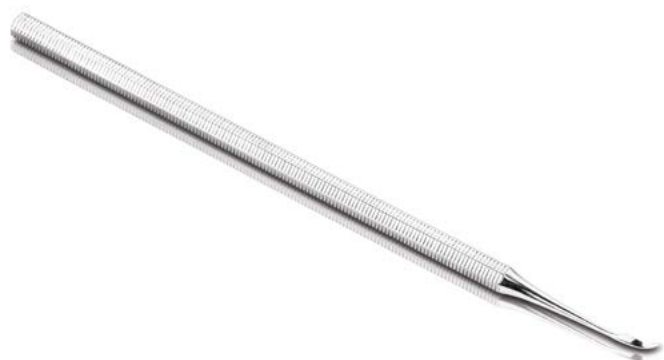


SD Bracket pincers

Pliers with delicate tip for inserting and removing brackets from pressure-moulded bracket transfer tray. Made of stainless steel, sterilisable.

// SD Bracket pincers

#3607



SD Bracket remover

To release brackets from bracket transfer tray after pressuremoulding and for easier removal of the bracket transfer tray from patient's mouth. Made of stainless steel, sterilisable.

// SD Bracket remover

#3608



BLUE-BLOKKER®

Light-curing, blue-transparent blocking-out and modelling putty with excellent flow characteristics. For fabrication of space maintainers for bleaching splints and medical trays as well as for sealing and blocking set-up models. Combustible, leaving no residue, can therefore also be used in prosthetics when fabricating fixed or removable prostheses. Telescopic models are stable and can be removed without tension. Curing in the wavelength range 380-470 nm.

BLUE-BLOKKER®		#5276
4 x 1.5 g, 2 cannula (Ø 0.6 mm) and 8 cannula (Ø 0.9 mm)		
Micro cannula*	Ø 0.4 mm	#5277
Micro cannula*	Ø 0.6 mm	#5264
Micro cannula*	Ø 0.9 mm	#5278

*5 pieces

SIL-KITT

Permanently plastic silicone, used specifically for blocking-out undercuts in pressure moulded splints, anti-snoring and orthodontic appliances.

SIL-KITT	red	#3442
SIL-KITT	transparent	#3443

150 g





Blocking-out putty

Permanently plastic putty for blocking-out large-scale undercuts.

// Blocking-out putty

#3220

250 g



BIOPLAST® Insulation agent

Insulation for plaster models when using BIOPLAST® material for fabricating positioners and mouth guards. BIOPLAST® insulating agent provides absolute transparency and smooth inner surfaces. Also available in practical applicator bottle of 100 ml for quick and non-drip insulation of plaster models.

// BIOPLAST® Insulating agent, 100 ml
Applicator bottle with 3 tips

#3166

// BIOPLAST® insulating, 500ml

#3189

250 g



DURASPLINT®

High-transparent cold-cure resin specifically designed for fabricating occlusal splints with adjusted occlusion. Very simple to use, little shrinkage, optimised trimming.

// DURASPLINT® Kit	#3257
incl. 200 g polymer and 100 ml monomer, mixing and dosing cup, 20ml orthodontic insulating agent incl. brush, pipette, glass spatula and detailed instructions	
// DURASPLINT® polymer, 200/400 g	#3258
// DURASPLINT® monomer, 100/250 ml	#3259

CE

BIOCRYL®-RESIN

Special orthodontic acrylic for attaching clasp arms and relining expansion screws when pressure-moulding retention and expansion plates using BIOCRYL® C and BIOCRYL® M.

Material polymerises during the cooling phase in the pressure moulding unit. No time-consuming polymerisation in pressure pot.

// BIOCRYL®-RESIN polymer, 400/1000 g	#3221
// BIOCRYL®-RESIN monomer, 250/500 ml	#3218

CE





DURASPLINT[®] LC

Light-curing, transparent resin, specifically designed for the adjustment of DURAN[®] splints with a minimal thickness of 1.5 mm. Doesn't require curing in autoclave. For polymerisation, we recommend using the LC 6 light oven (see p.29) with pre-set polymerisation times of 5 or 10 min. Curing in the wavelength of 350 – 450 nm. Prior to processing, LC primer has to be applied to DURAN[®] splints.

No yellow discolouration of material after light-curing.

// DURASPLINT[®] LC Kit

#3256

3 bars (38 g in total) DURASPLINT[®] LC, 1.5 g CLEAR BLOKKER[®] with 2 cannula, 10 ml LC primer with brush, 10g LC insulation, 1 LC bur A, B and C each, 1 SD polishing paste A and B each, 5 SD polishing brushes, SD felt discs and SD high-gloss polishing mops with mandrel

// DURASPLINT[®] LC, 3 bars, 38 g

#3261

W x L x H 32 x 120 x 8 mm

CLEAR-BLOKKER[®]

Light-curing, high-transparent gel for building-up pressure moulded DURAN[®] splints, reinforced with DURASPLINT[®] LC. Gel is best suited for removal of air inclusions and insertion of canine guidance. Can also be used for fixation of IST[®] components on DURAN[®] splints. Polymerisation in wavelength range 360 – 420 nm, for example with LC Mini Light or LC-6 Light Oven (see p. 29). Prior to processing, LC primer has to be applied to DURAN[®] splints.

// CLEAR-BLOKKER[®]

#5261

4 x 1.5 g, 2 cannula (Ø 0.4 mm) and 8 cannula (Ø 0.9 mm)

Single references of cannula can be found on p. 16.

CE





LC Primer

Light-curing primer for pre-treating DURAN® splints before adjusting them with DURASPLINT® LC or CLEAR BLOKKER®. For polymerisation, we recommend using the LC 6 Light Oven (see p.29) with pre-set polymerisation times of 5 or 10 min. Curing in the wavelength of 350 – 450 nm.

// LC-Primer, with brush

#3263

10 ml

CE



LC Insulation

Facilitates modelling DURASPLINT® LC on DURAN® splints. Ensures clean and neat working results with smooth surfaces, considerably simplifying finishing.

// LC Insulation

#3266

10 g

CE



SD Composite primer

Bonding agent for fabrication of temporary crowns and bridges in the dental pressure moulding technique. Primer ensures a secure adhesion between composite resin (also cartridge dispensing systems) and DURAN®. Brush for easy application of primer is integrated in bottle cover.

// SD Composite primer

#3705

25 ml

CE 0044



OSAMU Bond

Bonding agent for optimal compound of BIOPLAST® and IMPRELON® S pd in the pressure moulding technique.

// OSAMU Bond

#3246

10 ml

CE



LC Burs

Specifically designed for finishing cold cure resin or lightcured adjustments on splints. Allows neat cutting without clogging and leaving any residue. LC bur A comes in conical form for specific finishing or occlusal grinding. LC bur B is pear-shaped, ensuring very smooth grinding surface patterns when it comes to larger surfaces and LC bur C comes in bud form for quick and uniform removal of roughness.

LC Bur A	#3267
LC Bur B	#3268
LC Bur C	#3265

SD Polishing paste

Specifically designed for finishing (SD polishing paste A) and for high-gloss polishing (SD polishing paste B) of splints, adjusted with DURASPLINT® or DURASPLINT® LC. Can also be used for polishing orthodontic appliances.

SD polishing paste A, bar of 60g	#3710
SD polishing paste B, bar of 100g	#3711



SD Polishing brush

High-quality goat hair brush with micro fibre insert, for use in combination with SD polishing paste A and B for polishing adjusted splints and orthodontic appliances.

SD Felt wheel

For use in combination with SD polishing pastes when polishing built-up splints and orthodontic appliances.

SD High-gloss polishing mop

Extra soft mop structure for finishing and high-gloss polishing of built-up splints and orthodontic appliances.

SD polishing brush with mandrel	#3712
SD felt wheel with mandrel	#3713
SD high-gloss polishing mop with mandrel	#3714

5 pieces



Impression tray handles

Stable, handy plastic handles which can be fixed to tray with cold cure resin and individually formed by heating.

// Impression tray handles

#3216

10/100 pieces

CE



Foam discs

Foam discs can be used as space holder and insulation for pressure moulded impression trays, providing retention to impression material.

// Foam discs (Ø 103 mm)

#3444

10 pieces



SD Foil scissors A

SD foil scissors A are delicately made of a high-quality auto-clavable stainless steel alloy. For better handling, scissors are laterally curved. Micro serration prevents slipping.

// SD foil scissors A

#3460

1 piece

CE

Pellet Cover

Used for covering stainless steel pellets while pressurising splints. Cover is reusable and avoids adhesion of pellets to the heated soft material.

// Pellet cover, large

#3006

// Pellet cover, small

#3007

5 pieces



Stainless steel pellets

Stainless steel pellets, highly polished by galvanic treatment, for embedding models in pressure moulding machines. Thanks to the cylindrical pellet shape, models are securely positioned and can't be pressed into the pellets.

// Stainless steel pellets

#3222

1000 g

Pellet brush

With integrated magnet for quick removal of pellets and lifting the model platform from the model cup.

// Pellet brush

#3136

SD Foil scissors B

SD foil scissors B are robust and durable for cutting splints or inserting cuts into splints after pressurising.

// SD Foil scissors B

#3461

1 piece

CE



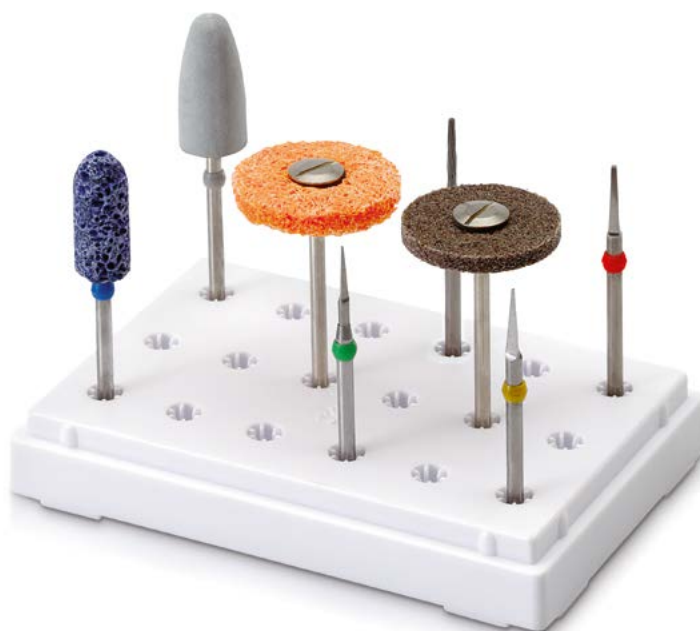
Finishing Set

Set containing eight grinding instruments for cutting, trimming and finishing of soft-elastic and hard-elastic material. With color coding for easy identification.

Finishing Set

Set comes with one each cutting bur, finishing bur, HM carbide bur, HM tricutter fine, BIOPERM trimmer, POLYFIX, OSAMU polisher, DIMO®PRO SLIM and dressing stone.

#3378



Cutting bur

Spiral cutting bur for quick, neat cutting of hard pressure moulding material.

HM Carbide cutter

Triangular carbide cutting bur for quick, neat cutting of hard pressure moulding material.

HM Tricutter fine

Fine triangular bur for interdental finishing of splints.

Finishing bur

Square cutting bur made of special soft alloy that won't damage clasps and wires.

CA® Carbide bur

CA® carbide bur made of fine grit carbide is characterised by high cutting performance, vibration-free concentric running and very long endurance.

// Cutting bur (without)	#3214
// HM Carbide cutter (yellow)	#3369
// HM Tricutter fine (green)	#3370
// Finishing bur (red)	#3377
// CA® Carbide bur*	#5262

6 pieces * 1 piece

BIOPERM Trimmer

For trimming and initial polishing of soft-elastic and compound material.

POLYFIX

For trimming and initial polishing of soft-elastic and compound material.

OSAMU Polierer

Finishing and polishing of soft-elastic and compound material.

// BIOPERM trimmer, blue	2 pieces	#3226
// POLYFIX on mandrel, brown	1 piece	#3371
// POLYFIX without mandrel, brown	6 pieces	#3372
// OSAMU polisher, grey	2 pieces	#3247



DIMO®

Stable and flexible trimming wheels with prolonged processing time, three types of grains, incl. mandrel.

Application

Trimming and initial polishing of elastomer, sandwich material, mouth guard and orthodontic appliances.

// DIMO®	brown, coarse*	#3382
// DIMO®	green, medium*	#3383
// DIMO®	maroon, fine*	#3384
// DIMO® mandrell	2 pieces	#3380

10 pieces *10/50 pieces



DIMO®PRO / DIMO®PRO SLIM

Trimming wheel made of special elastomer with fine fibrous structure, extremely long working time, incl. mandrel.

Application

DIMO®PRO: For finishing large-scale marginal areas and for final and high-gloss polishing of splints, positioners, mouth guard and orthodontic appliances. Provides highly-polished rims and uniform surfaces of hard/soft compound material.

DIMO®PRO SLIM: for finishing splints, specifically in the area of ligaments and interdentally.

// DIMO®PRO	disc 24 x 6 mm	#3381
// DIMO®PRO SLIM*	disc 24 x 4 mm	#3376

10/50 pieces * tapered rim

BIOSTAR®

Versatile pressure moulding machine for all applications in dental pressure moulding and orthodontics, equipped with scan technology and 6.0 bar working pressure, adjustable by pressure reducing valve on the unit. The unique thermally controlled infra-red heater reaches working temperature in one second. All parameters such as temperature, heating and cooling times are programmed by reading the scanner or entering the corresponding code. The coloured 3.2" LCD display with a resolution of 320 x 240 pixel leads you through the single working steps of the pressure moulding process, providing further information on the scanned material, its indication as well as a library with illustrated application hints for fabrication. Rear port for easy updates. Large model cup facilitates embedding of mounted models. Pellet container ensures optimum dispensing and storing of pellets.

Power	230/115/100 V, 750 W
Working pressure	0.5 - 6.0 bar
Dimensions (W x H x D)	520 x 440 x 240 mm
Weight	14.4 kgs
Warranty	3 years warranty, 10 years availability of spare parts

BIOSTAR® 230 V	#3001
BIOSTAR® 115 V	#3011
BIOSTAR® 100 V	#3021
BIOSTAR® protection cover made of transparent plastic, avoids soiling	#3449



NEW GENERATION

MINISTAR S®

The compact pressure moulding unit MINISTAR S® equipped with scanning technology: scanner reads the coded material, allowing programming of all important parameters such as heating time, temperature and cooling time. In other words: precise pressure moulding results are reached in record time thanks to the extremely fast, patented heater and working pressure of 4.0 bar. The new generation is equipped with a user-friendly membrane keypad and a large display. All operating parameters are monitored and indicated on the display.

Power	230/115/100 V, 750 W
Working pressure	0.5 - 4.0 bar
Dimensions (W x H x D)	500 x 210 x 400 mm
Weight	9.0 kgs
Warranty	3 years warranty, 10 years availability of spare parts

// MINISTAR® 230 V	#3501
// MINISTAR® 115 V	#3511
// MINISTAR® 100 V	#3521
// MINISTAR® protection cover made of transparent plastic, avoids soiling	#3447



Sampler of pressure moulding material

Sampler of all available pressure moulding materials with information on thickness, diameters and colours. Helpful information on working procedures and chemical and physical parameters is given as well.

// Sampler of pressure moulding material	#3137
--	-------

CE



TWINSTAR® P

Pressure moulding machine for basic dental applications in the pressure moulding technique such as temporaries, splints, mouth guard, bite registrations and individual impression trays.

Characteristics

Medium-wave, time-controlled heater, programmed cooling phase, pre-adjusted 2 bar working pressure, range of material 0.1-3.0 mm, heating of the material side which is directly placed over the model, large model cup and ergonomic pellet container, simple and functional "one-switch-operation".

Power	230 / 115 / 100 V, 340 W
Working pressure:	0.1 - 2.0 bar
Dimensions (W x H x D)	480 x 210 x 430 mm
Weight	7.5 kgs
Warranty	3 years warranty, 10 years availability of spare parts

// TWINSTAR® P 230 V	#3140
// TWINSTAR® P 115 V	#3141
// TWINSTAR® P 100 V	#3138

TWINSTAR® V

Vacuum machine, doesn't require compressed air connection. For all basic dental applications in the thermo-forming technique such as temporaries, splints, mouth guard, bite registration, and individual impression trays.

Characteristics

Medium-wave, time-controlled infra-red heater, programmed cooling phase, range of material 0.1-3.0 mm, heating of the material side which is placed directly over the model, large model cup and ergonomic pellet container, easy and functional "one-switch-operation".

Power	230 / 115 / 100 V, 340 W
Working vacuum:	0.8 bar
Dimensions (W x H x D)	440 x 210 x 430 mm
Weight	7.5 kgs
Warranty	3 years warranty, 10 years availability of spare parts



// TWINSTAR® V 230 V	#3142
// TWINSTAR® V 115 V	#3143
// TWINSTAR® V 100 V	#3139

LC 6 Light Oven

High-capacity light polymerisation unit for up to 4 models and fixator. Its inner dimensions of 170 x 160 x 120 mm (W x D x H) offer enough space for articulated and mounted models. Six fluorescent light tubes (3 UVA and 3 blue light tubes) and an aluminium reflector guarantee homogeneous illumination. Two polymerisation times of 5 and 10 minutes are already pre-set in accordance with the light-curing DURASPLINT® LC material. Continuous operation can also be set. Spectral range of the light curing device between 350 and 450 nm. Auto start function for easier application.

Power	230 / 115 V
Dimensions (W x H x D):	240 x 180 x 270 mm
Weight	3.0 kgs
Warranty	3 years warranty, 10 years availability of spare parts



// LC 6 Light Oven 230 V

#5610

// LC 6 Light Oven 115 V

#5620

LC Mini Light

LED curing light with 14 LEDs designed for fixation and initial polymerisation of DURASPLINT® LC and CLEAR-BLOKKER®. Ideal for fixing fastening parts of IST® or OPM devices in combination with the LC primer. Final light polymerisation in stationary light curing unit such as LC 6 Light Oven. Use with customary AAA batteries.

Wavelength	400-405 nm
Weight (without batteries)	96 g
Length (without shade)	120 mm



// LC Mini Light with shade

#5606



Heating Support

Can be attached directly to the heater when fabricating positioners and mouth guard, providing the optimum distance between model and heater when heating the occlusal surfaces and for compound of upper and lower splint. Measurements: (W x H x D): 190 x 160 x 70 mm

// Heating support for BIOSTAR® and MINISTAR S®

#3452

Model Platform

Model platform with 85 mm diameter provides increased surface for dental arcade models made of resin and hard plaster preventing the model from getting pressed into the stainless steel pellets.

// Model platform, Ø 85 mm

#3134

Split-Fixator

Stable occlusal holder with sliding arms. By unscrewing the centring tips, models can be removed without any damage and reinserted at any time in exactly the same position. Precise dovetailed guidance avoids twisting of fixator arms.

// Split-fixator

#5380



Hinge fixator

Thanks to the hinge in the upper part of the fixator, grinding of functional orthodontic appliances and fabrication of bimaxillary appliances becomes easier. Mounting splints on fixator arms ensure easy removal and precise repositioning of models.

// Hinge fixator

#5374

// Peaked screws, 10 pieces*

#5376

* 10 Stück

Mounting splints

For hinge fixator

// Mounting splints

#5375

10 pieces



Model holder

With flexible clamps and movable joints, keeps small and large models fixed in any required position.

// Model holder

#5270

1 piece



Parallelometer

Indispensable auxiliary instrument when fabricating precise adjusted splints. The parallelometer enables determination of insertion direction and marking of tooth equator. The extensions of DURAN® splints, built-up with DURASPLINT® LC, should not exceed the tooth equator to avoid cracks or fissures when inserting or removing the splint.

// Parallelometer

incl. model holder, graphite leads and measurement accessories

#5362

1 piece



CETRON® Cleansing powder

Mild powder for long lasting care and cleansing of orthodontic plates, splints, dentures and sports mouth guards. To dissolve in 150 ml of water.

// CETRON® cleansing powder, 15 g

#3239

5/25/250 bags



CETRON® Cleansing spray

Care and cleansing of splints, dentures, orthodontic plates, mouth guard and snoring appliances. Fresh lemon taste reduces typical monomer taste, ensuring highly polished appliances and high wearing comfort at the same time.

// CETRON® Cleansing spray, 75 ml

#3238

75 ml

CE



CETRON® Care set

Care and cleansing of splints, dentures, orthodontic plates, mouth guard and snoring appliances.

// CETRON® Care set

#3236

incl. cleansing box, brush and 5 bags CETRON® cleansing powder of 15 g

1 piece



Retainer boxes

For orthodontic appliances or BIOPLAST® sports mouth guards. Available in blue, yellow, green, red and violet.

// Retainer boxes (5 colours, 2 each)

#5435

10 pieces

Notes

Indication Chart on Applications in the Pressure Moulding Technique

Indication	Product	Recommended Thickness
Anti-snoring splint	DURAN®	2.0 mm
	DURAN®+	2.0 mm
	DURASOFT® pd with DURASOFT® seal	1.8 / 2.5 mm
Bite taking / Bite registration	IMPRELON® white, clear	2.0 / 3.0 mm
Bleaching splint	BIOPLAST® bleach	1.0 mm
	COPYPLAST®	1.0 mm
Bracket transfer mask	COPYPLAST®	0.5 / 0.75 mm
Copings	HARDCAST®	0.4 / 0.6 / 0.8 mm
	COPYPLAST®	0.5 / 0.75 mm
Cosmetic splint	DURAN®+ A2	0.5 mm - 0.75 mm
	DURAN®+ white pd	0.5 mm - 0.75 mm
Etching mask	COPYPLAST®	1.0 mm
Fluorisation splint	DURAN®	1.0 / 1.5 mm
	DURAN®+	1.0 / 1.5 mm
Foil for therapy planning / analysis of bruxism	BRUX CHECKER®	0.1 mm
Immediate Dentures / temporary dentures	BIOCRYL® C (rose or clear)	2.0 / 3.0 mm
Individual impression tray, functional tray	IMPRELON® (clear)	2.0 / 3.0 mm
	IMPRELON® (opaque)	3.0 mm
Insulation Foil	ISOFOLAN®	0.1 mm
Invisible Retainer / Functional orthodontic splint	DURASOFT® pd with DURASOFT® seal	1.2 mm
	DURAN®	0.75 / 1.0 mm
	DURAN®+	0.75 / 1.0 mm
	IMPRELON® S pd	0.75 - 1.0 mm
	COPYPLAST® C	1.0 mm
Medical tray	DURAN®	1.0 mm
	DURAN®+	1.0 mm
Model duplication	BIOPLAST® (plaster)	mind. 3.0 mm
	COPYPLAST® (resin)	2.0 mm
Model protection / Protective coating / Skin-packaging	Coating Foil	0.15 mm
Moulds for temporary crowns and bridges	COPYPLAST®	0.5 - 2.0 mm
Mouth Guard, sports protection	BIOPLAST®	1.0 - 5.0 mm
	BIOPLAST® XTREME / XTREME PRO	4.0 / 5.0 mm
Occlusal splint / TMJ splint / Bruxism splint / Miniplast splint	DURAN®	0.75 - 1.5 mm
	DURAN®+	1.5 mm
	DURASOFT® pd with DURASOFT® seal	1.8 mm
Orthodontic plate / Retainer	BIOCRYL® C	2.0 - 3.0 mm
	BIOCRYL® M	2.0 mm
OSAMU-Retainer® (combination BIOPLAST® and IMPRELON® S pd)	BIOPLAST®	1.5 mm
	IMPRELON® S pd	0.75 mm
Positioner	BIOPLAST®	3.0 - 5.0 mm
Retainer / Orthodontic plates	BIOCRYL® C / M	2.0 mm (for Lower jaw 3.0)
	BIOCRYL®	3.0 mm
Retention splint / Long-term retainer	COPYPLAST® C	1.0 mm
	DURAN®	0.75 / 1.0 mm
	DURAN®+	0.75 / 1.0 mm
Spacer maintainer foil	ISOFOLAN®	0.1 mm
	Spacer Foil	0.1 mm
Spacer maintainer for bleaching splints	HARDCAST®	0.4 / 0.6 / 0.8 mm
Template for implants / Drillings / X-ray	DURAN®	2.0 / 3.0 mm
	DURAN®+	2.0 / 3.0 mm
Temporary Splint / Strip crown for temporary crowns and bridges	DURAN®	0.5 mm - 1.0 mm
	DURAN® +A2 pd	0.5 / 0.75 mm

Material Qualities	Bonds to Acrylic	Recommended Acrylic	Recommended Insulation
hard-elastic	yes	DURASPLINT®	ISOFOFOLAN® foil
hard-elastic	yes	DURASPLINT®	
hard / soft	yes	DURASPLINT®	ISOFOFOLAN® foil
hard / not elastic	yes	DURASPLINT®	ISOFOFOLAN® foil
soft-elastic	no		BIOPLAST® Insulating agent / soak model into water
viscoplastic	no		Soak model shortly into water
viscoplastic	no		Soak model shortly into water
viscoplastic	no		Spacer maintainer foil
viscoplastic	no		Soak model shortly into water
hard-elastic	yes	veneering material	
hard-elastic	yes	veneering material	
viscoplastic	no		Soak model shortly into water
hard-elastic	yes		BIOPLAST® (space maintainer)
hard-elastic	yes		
impact-resistant	yes	BIOCRYL® RESIN	ISOFOFOLAN® foil
hard / not elastic	yes	DURASPLINT®	ISOFOFOLAN® foil or Foam Discs
hard / not elastic	yes	DURASPLINT®	ISOFOFOLAN® foil or Foam Discs
viscoplastic insulation foil	no		
hard / soft	yes	DURASPLINT®	ISOFOFOLAN® foil
hard-elastic	yes	DURASPLINT®	ISOFOFOLAN® foil
hard-elastic	yes	DURASPLINT®	
hard-elastic	no		ISOFOFOLAN® foil
viscoplastic	no		Soak model shortly into water
hard-elastic	yes	DURASPLINT®	ISOFOFOLAN® foil
hard-elastic	yes	DURASPLINT®	
soft-elastic	no		BIOPLAST® Insulating agent / soak model into water
viscoplastic	no		Soak model shortly into water
bonds to Skin cardboard			
viscoplastic	no		Soak model shortly into water
soft-elastic	no		BIOPLAST® insulating agent
soft-elastic	no		BIOPLAST® insulating agent
hard-elastic	yes	DURASPLINT® / DURASPLINT® LC	ISOFOFOLAN® foil
hard-elastic	yes	DURASPLINT® / DURASPLINT® LC	
hard / soft	yes	DURASPLINT®	ISOFOFOLAN® foil
impact-resistant	yes	BIOCRYL® RESIN	ISOFOFOLAN® foil
hard-elastic	yes	BIOCRYL® RESIN	ISOFOFOLAN® foil
soft-elastic	no		BIOPLAST® insulating agent
hard-elastic	no		
soft-elastic	no		BIOPLAST® insulating agent
impact-resistant / hard elastic	yes	BIOCRYL® RESIN	ISOFOFOLAN® foil
impact-resistant	yes	BIOCRYL® RESIN	ISOFOFOLAN® foil
viscoplastic	no		Soak model shortly into water
hard-elastic	yes	DURASPLINT®	ISOFOFOLAN® foil
hard-elastic	yes	DURASPLINT®	
viscoplastic insulation foil	no		
hard insulation foil	yes		
viscoplastic	no		Spacer maintainer foil
hard-elastic	yes	DURASPLINT®	ISOFOFOLAN® foil
hard-elastic	yes	DURASPLINT®	
hard-elastic	yes	veneering material	ISOFOFOLAN® foil
hard-elastic	yes	veneering material	

GB 2.000/02/18 G REF 0333.02

