

Border-Lock® Philosophy

More and more dentists are using automated mixing machines as the Pentamix in combination with the monophase and sandwich impression technique. For a successful impression result with these techniques, the development of dynamic pressure in the impression material is essential. The Border-Lock trays were especially designed for that purpose by Prof. Schreinemakers.



Border-Lock® impression tray dentulous. The semi custom tray develops dynamic pressure. Specially for monophase and sandwich technique.

Choice of tray material: Mouldable, Autoclavable or Implants

There is a choice of 3 variations of Border-Lock trays: Mouldable, Autoclavable and Implants for both dentulous as edentulous jaws. The tray material is a strong acrylic. The mouldable trays can resist a temperature up to 70°. The corrosion free autoclavable trays can resist a temperature up to 134° and are therefore suitable for an autoclave. The implant trays resist a temperature till 98°. The rigidity of the trays was intensively tested at the University of Giessen in Germany and meets the requirements for precision impressions with the monophase and sandwich technique.



Rim-Lock tray. Suitable for the 2 phase technique. A hard putty is needed to develop dynamic pressure.

Replacement of metal Schreinemakers impression trays

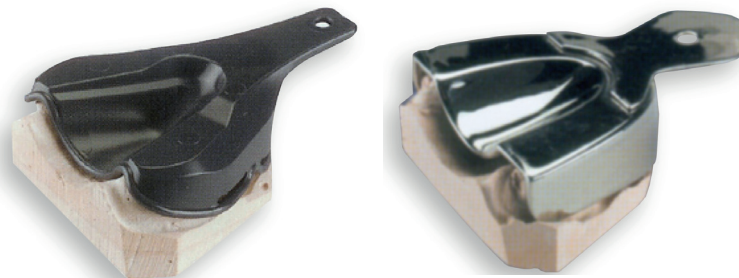
From October 2019 the production and sales of the metal Schreinemakers impression trays did stop. These metal trays are replaced by the autoclavable Border-Lock impression trays.



Semi custom fit for the 3 arch types. Optimal dynamic pressure.

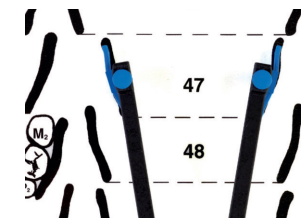
Advantages:

- optimal development of dynamic pressure
- no need to extend the tray with acrylic or wax
- around 30% to 40% savings on impression material
- labatory made custom tray no longer necessary



The Border-Lock® tray closes of the impression space completely. The development of dynamic pressure is optimal. The impression material cannot escape posteriorally. Savings of 30% of impression material compared to a Rim-Lock tray.

The Rim-Lock tray often does not reach behind the 3rd molar. The thin flowing impression material can escape posteriorally. As a result the development of impression material is strongly decreased.



Predictable selection of the tray

By measuring intra orally the best fitting tray can be selected. The divider's measuring plates are brought into contact with the first molar and second premolar. When selecting the upper tray this occurs buccally and when selecting the lower tray this occurs lingually. The divider is than placed on the measuring template. Now the correct tray size can be read easily.

MOULDABLE BORDER-LOCK® IMPRESSION TRAYS

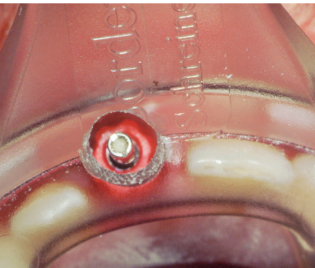
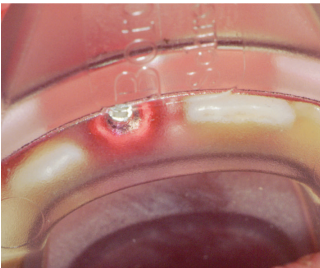
The first semi custom tray that can be customized by hand

1. the selected tray is kept for 1 minute in water of 70°
2. the tray can be adjusted by hand according to the desired arch form
3. after being customized the tray becomes fully rigid again



Implant impression

The transparent Border-Lock implant tray is an alternative to the labatory made custom tray. The tray material thickness of 3,5 mm guarantees exceptional rigidity, even if holes are drilled. The abutments are clearly visible through the tray. After selecting the right size, the position of the abutments can be indicated on the tray with a felt pen. Now the drill holes can be made followed by the final impression. This way the costs of a labatory made custom tray can be saved.



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Border-Lock® IMPRESSION TRAYS

THE NEW ALTERNATIVE TO RIM-LOCK® TRAYS

Especially for precision impressions with the monophase or sandwich impression technique
Developed by Prof. Schreinemakers



Border-Lock impression trays – Autoclavable

The Schreinemakers metal impression trays are replaced by the autoclavable Border-Lock impression trays. The Border-Lock trays are corrosion free and have a long life span.

	Order number	Description	Contents
	5800X	Set autoclavable upper trays dentulous: 10 upper trays, size 42-49, divider, size chart	1 Set
	58120	Set autoclavable lower trays dentulous: 8 lower trays, size 51-58, divider, size chart	1 Set
	58420	autoclavable upper tray dentulous size 42	1 tray
	58430	autoclavable upper tray dentulous size 43	1 tray
	58440	autoclavable upper tray dentulous size 44	1 tray
	58450	autoclavable upper tray dentulous size 45	1 tray
	5846R	autoclavable upper tray dentulous size 46R	1 tray
	58460	autoclavable upper tray dentulous size 46	1 tray
	58470	autoclavable upper tray dentulous size 47	1 tray
	5848R	autoclavable upper tray dentulous size 48R	1 tray
	58480	autoclavable upper tray dentulous size 48	1 tray
	58490	autoclavable upper tray dentulous size 49	1 tray
	58510	autoclavable lower tray dentulous size 51	1 tray
	58520	autoclavable lower tray dentulous size 52	1 tray
	58530	autoclavable lower tray dentulous size 53	1 tray
	58540	autoclavable lower tray dentulous size 54	1 tray
	58550	autoclavable lower tray dentulous size 55	1 tray
	58560	autoclavable lower tray dentulous size 56	1 tray
	58570	autoclavable lower tray dentulous size 57	1 tray
	58580	autoclavable lower tray dentulous size 58	1 tray
	68000	Set autoclavable edentulous trays: 10 edentulous trays, size 21-25 + 31-35, divider, size chart	1 Set
	68210	autoclavable lower tray edentulous size 21	1 tray
	68220	autoclavable lower tray edentulous size 22	1 tray
	68230	autoclavable lower tray edentulous size 23	1 tray
	68240	autoclavable lower tray edentulous size 24	1 tray
	68250	autoclavable lower tray edentulous size 25	1 tray
	68310	autoclavable upper tray edentulous size 31	1 tray
	68320	autoclavable upper tray edentulous size 32	1 tray
	68330	autoclavable upper tray edentulous size 33	1 tray
	68340	autoclavable upper tray edentulous size 34	1 tray
	68350	autoclavable upper tray edentulous size 35	1 tray

Border-Lock impression trays – Mouldable

	Order number	Description	Contents
	5400G	Trial pack with 8 dentulous and 4 edentulous trays	1 Set
	5411G	Set mouldable upper trays dentulous: 10 upper trays, size 42-49, divider, size chart	1 Set
	5412G	Set mouldable lower trays dentulous: 8 lower trays, size 51-58, divider, size chart	1 Set
	54420	Refill upper tray dentulous size 42	10 trays
	54430	Refill upper tray dentulous size 43	10 trays
	54440	Refill upper tray dentulous size 44	10 trays
	54450	Refill upper tray dentulous size 45	10 trays
	5446RG	Refill upper tray dentulous size 46R	10 trays
	5446L	Refill upper tray dentulous size 46	10 trays
	54470	Refill upper tray dentulous size 47	10 trays
	5448RG	Refill upper tray dentulous size 48R	10 trays
	5448L	Refill upper tray dentulous size 48	10 trays
	5449G	Refill upper tray dentulous size 49	10 trays
	54510	Refill lower tray dentulous size 51	10 trays
	58420	Refill lower tray dentulous size 52	10 trays
	54530	Refill lower tray dentulous size 53	10 trays
	54540	Refill lower tray dentulous size 54	10 trays
	54550	Refill lower tray dentulous size 55	10 trays
	54560	Refill lower tray dentulous size 56	10 trays
	54570	Refill lower tray dentulous size 57	10 trays
	54580	Refill lower tray dentulous size 58	10 trays
	6410G	Set mouldable edentulous trays: 10 edentulous trays, size 21-25 + 31-35, divider, size chart	1 Set
	64210	Refill lower tray edentulous size 21	5 trays
	64220	Refill lower tray edentulous size 22	5 trays
	64230	Refill lower tray edentulous size 23	5 trays
	64240	Refill lower tray edentulous size 24	5 trays
	64250	Refill lower tray edentulous size 25	5 trays
	64310	Refill upper tray dentulous size 31	5 trays
	64320	Refill upper tray dentulous size 32	5 trays
	64330	Refill upper tray dentulous size 33	5 trays
	64340	Refill upper tray dentulous size 34	5 trays
	64350	Refill upper tray dentulous size 35	5 trays

Border-Lock implant trays

The transparent Border-Lock implant tray is an alternative to the custom tray

	Order number	Description	Contents
	5611X	Set implant upper trays dentulous: 10 upper trays, size 42-49, divider, size chart	1 Set
	56120	Set implant lower trays dentulous: 8 lower trays, size 51-58, divider, size chart	1 Set
	56420	Refill upper tray dentulous size 42	10 trays
	56430	Refill upper tray dentulous size 43	10 trays
	56440	Refill upper tray dentulous size 44	10 trays
	56450	Refill upper tray dentulous size 45	10 trays
	5646R	Refill upper tray dentulous size 46R	10 trays
	56460	Refill upper tray dentulous size 46	10 trays
	56470	Refill upper tray dentulous size 47	10 trays
	5648R	Refill upper tray dentulous size 48R	10 trays
	56480	Refill upper tray dentulous size 48	10 trays
	5649G	Refill upper tray dentulous size 49	10 trays
	56510	Refill lower tray dentulous size 51	10 trays
	56520	Refill lower tray dentulous size 52	10 trays
	56530	Refill lower tray dentulous size 53	10 trays
	56540	Refill lower tray dentulous size 54	10 trays
	56550	Refill lower tray dentulous size 55	10 trays
	56560	Refill lower tray dentulous size 56	10 trays
	56570	Refill lower tray dentulous size 57	10 trays
	56580	Refill lower tray dentulous size 58	10 trays

Accessories

	Order number	Description	Contents
	52900	Divider for dentulous trays	1 piece
	51900	Divider for edentulous trays	1 piece
	54950	Size chart for dentulous trays	1 piece
	51910	Size chart for edentulous trays	1 piece
	70010	Storage box for 10 upper dentulous trays	1 piece
	70020	Storage box for 8 lower dentulous trays	1 piece
	70000	Storage box for 10 edentulous trays	1 piece
	41100	Schreinemakers Occlusal Rim Inclinator	1 piece
	41110	Schreinemakers Bite Fork	1 piece