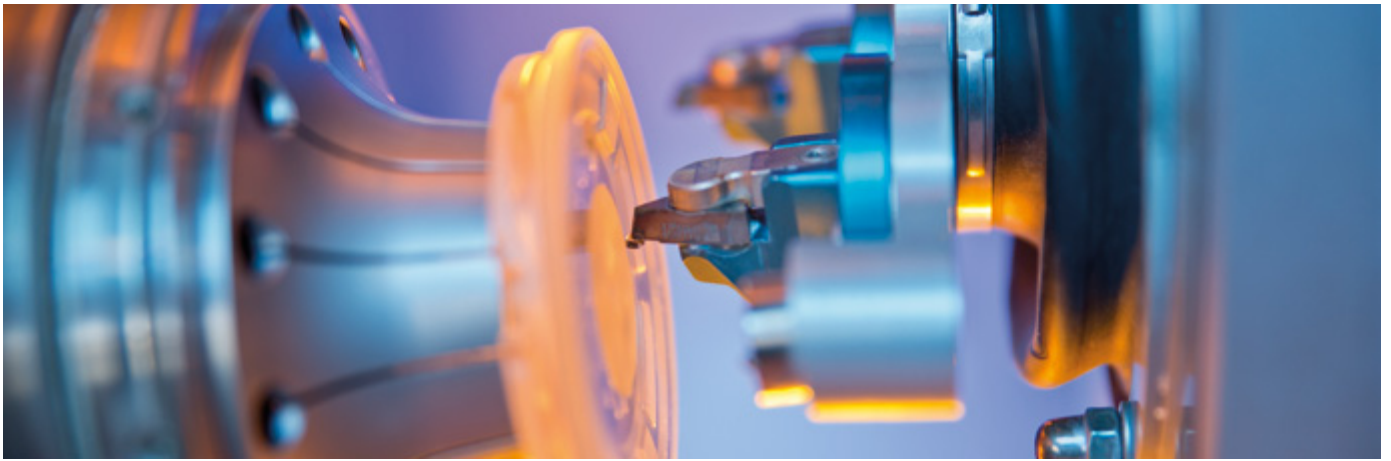




CONSUMABLES & TOOLS



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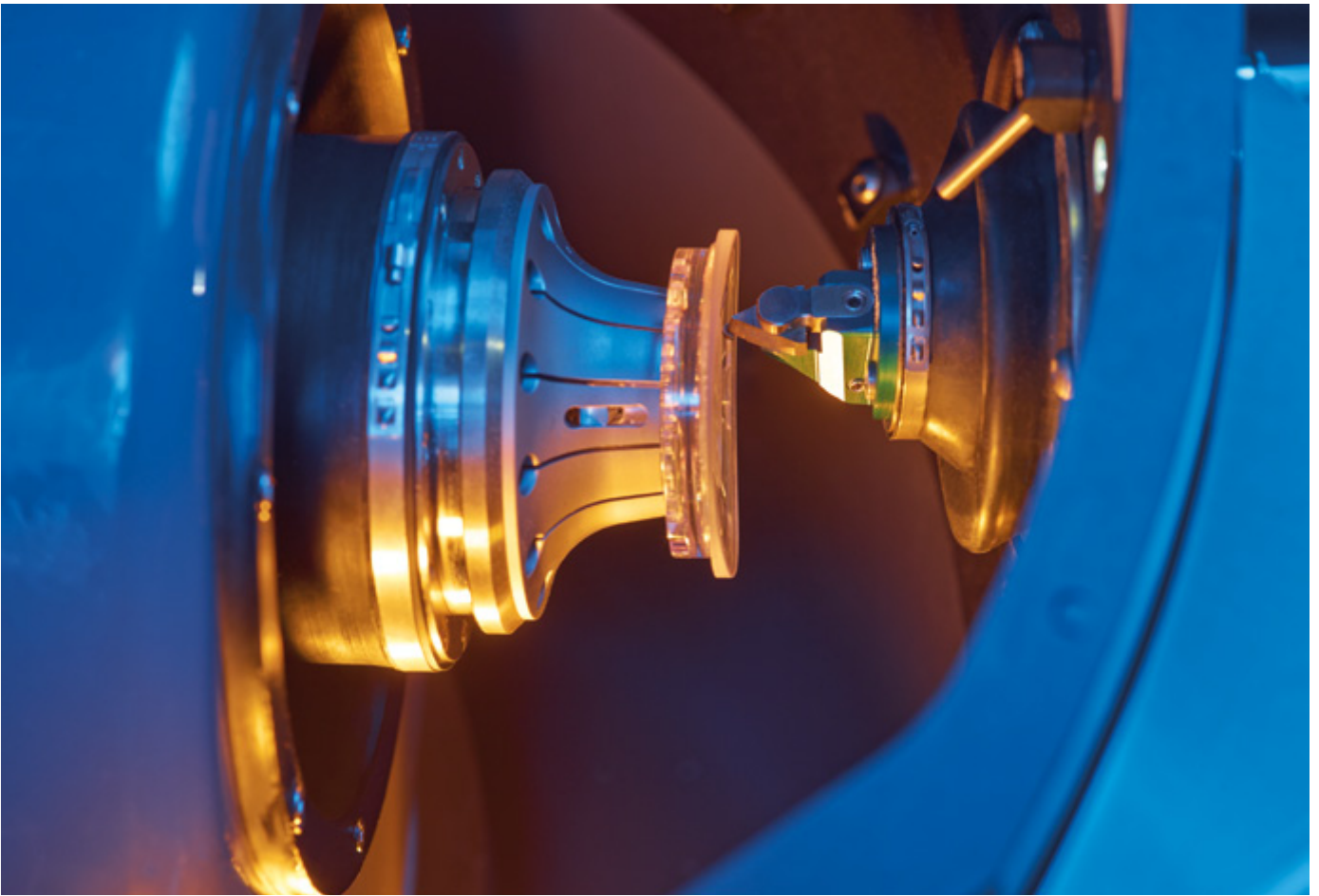
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SURFACING

Consumables by Satisloh for all surfacing process steps are thoroughly tested on Satisloh equipment and therefore highly recommended. Satisloh offers a wide range of consumables for the following processes:

- protecting
- blocking
- generating
- fining
- polishing

Please ask your local representative for further details.

LENS PROTECTION SURFACE SAVER TAPE



Provides superb front surface protection for all lens materials. Works with a full range of alloys.

BENEFITS

- Optimum protection of polished surfaces, mineral and organic lenses
- Easy handling
- High availability of supply of surface saver applicator, its spare parts, handles and cutters
- Environmentally friendly
- Easy removal from the lens, leaves no residues

RECOMMENDATIONS

- Fix surface saver tape onto the convex surface of the ophthalmic lens to be blocked with the surface saver applicator.
- After initial pressing do not press with fingers- this reduces the alloy and wax adhesive properties. If additional pressing is necessary, use a cloth.
- Optimum storage temperature: 15-25°C. Lower or higher temperatures may adversely affect adhesive.
- No solvents required, easily remove protective tape from lens.

PACKING UNIT

		Order No.
Premium MP Superstick	roll 35 m	92-000-457
Premium MP Xtra	roll 45 m	92-010-298

ALLOYS



Low melting surface blocking alloys for all materials.

BENEFITS

- Fast and accurate blocking
- Short cooling times
- High purity
- High temperature stability
- Optimum flow properties

RECOMMENDATIONS

- After blocking, a minimum 30-minute cooling period is recommended
- Maintain proper alloy levels for consistent temperature
- Remove slag daily and prior to filling with fresh alloy

Alloy type	Cd	Pb	Cd/Pb free	Lens materials
47°C/117°F	yes	yes	-	mineral + organic
52°C/126°F	yes	yes	-	mineral + organic
58°C/136°F	-	yes	-	mineral + organic
60°C/145°F	-	-	yes	mineral + organic
65°C/149°F	yes	yes	-	mineral + organic
70°C/158°F	yes	yes	-	mineral

PACKING UNIT

		Order No.
Alloy 47°C/117°F	1 kg	92-004-816
Alloy 52°C/126°F	1 kg	92-004-818
Alloy 58°C/136°F	1 kg	92-004-819
Alloy 60°C/145°F	1 kg	92-004-822
Alloy 65°C/149°F	1 kg	92-005-532
Alloy 70°C/158°F	1 kg	92-004-823

PREMIUM ALLOY FREE BLOCKING

BENEFITS

- Fully automated alloy-free blocking
- UV curable blocking material
- Different block-piece curvatures save adhesive
- Economical
- Lead and cadmium free
- Full support of the lens possible
- Block-pieces are re-usable



OPS Premium block piece

PACKING UNIT

Premium OPS block pieces	Ø	Radius	BC	packing unit	Order No.
OPS Premium block piece	45	110	5	50/300 pcs.	92-011-624
OPS Premium block piece	45	180	3	50/300 pcs.	92-011-625
OPS Premium block piece	45	500	1	50/300 pcs.	92-011-626
OPS Premium block piece	45	60	9	50/300 pcs.	92-011-622
OPS Premium block piece	45	80	7	50/300 pcs.	92-011-623
OPS Premium block piece	50	110	5	50/300 pcs.	92-011-216
OPS Premium block piece	50	135	4	50/300 pcs.	92-011-412
OPS Premium block piece	50	180	3	50/300 pcs.	92-011-215
OPS Premium block piece	50	300	2	50/300 pcs.	92-011-214
OPS Premium block piece	50	500	1	50/300 pcs.	92-011-213
OPS Premium block piece	50	60	9	50/300 pcs.	92-011-218
OPS Premium block piece	50	80	7	50/300 pcs.	92-011-217
OPS Premium block piece	55	110	5	50/300 pcs.	92-011-210
OPS Premium block piece	55	135	4	50/300 pcs.	92-011-411
OPS Premium block piece	55	180	3	50/300 pcs.	92-011-209
OPS Premium block piece	55	300	2	50/300 pcs.	92-011-208
OPS Premium block piece	55	500	1	50/300 pcs.	92-011-207
OPS Premium block piece	55	60	9	50/300 pcs.	92-011-212
OPS Premium block piece	55	80	7	50/300 pcs.	92-011-211
OPS Premium block piece	60	110	5	50/300 pcs.	92-011-204
OPS Premium block piece	60	135	4	50/300 pcs.	92-011-410
OPS Premium block piece	60	180	3	50/300 pcs.	92-011-203
OPS Premium block piece	60	300	2	50/300 pcs.	92-011-202
OPS Premium block piece	60	500	1	50/300 pcs.	92-011-201
OPS Premium block piece	60	60	9	50/300 pcs.	92-011-206
OPS Premium block piece	60	80	7	50/300 pcs.	92-011-205
OPS Premium block piece	65	110	5	50/300 pcs.	92-011-195
OPS Premium block piece	65	135	4	50/300 pcs.	92-011-409
OPS Premium block piece	65	180	3	50/300 pcs.	92-011-194
OPS Premium block piece	65	300	2	50/300 pcs.	92-011-193
OPS Premium block piece	65	500	1	50/300 pcs.	92-011-192
OPS Premium block piece	65	60	9	50/300 pcs.	92-011-197
OPS Premium block piece	65	80	7	50/300 pcs.	92-011-196
OPS Premium block piece	70	110	5	50/300 pcs.	92-011-189
OPS Premium block piece	70	135	4	50/300 pcs.	92-011-408
OPS Premium block piece	70	180	3	50/300 pcs.	92-011-188
OPS Premium block piece	70	300	2	50/300 pcs.	92-011-187
OPS Premium block piece	70	500	1	50/300 pcs.	92-011-186
OPS Premium block piece	70	60	9	50/300 pcs.	92-011-191
OPS Premium block piece	70	80	7	50/300 pcs.	92-011-190
OPS Premium block piece	75	110	5	50/300 pcs.	92-010-967
OPS Premium block piece	75	135	4	50/300 pcs.	92-011-397
OPS Premium block piece	75	180	3	50/300 pcs.	92-010-968
OPS Premium block piece	75	300	2	50/300 pcs.	92-010-969
OPS Premium block piece	75	500	1	50/300 pcs.	92-010-970
OPS Premium block piece	75	60	9	50/300 pcs.	92-010-965
OPS Premium block piece	75	80	7	50/300 pcs.	92-010-966

ALLOY FREE BLOCKING



Lens blocked on OPS block with adhesive UV-307A



Lens blocked on OBM block with adhesive UV-307A



UV adhesive for OPS and OBM Blocking Systems.

BENEFITS

- Fully automated alloy-free blocking
- UV curable blocking material
- Different block-piece curvatures save adhesive
- Economical
- Lead and cadmium free
- Full support of the lens possible
- Block-pieces are re-usable



PACKING UNIT

Order No.

OPS block pieces

OPS block pieces fit all common generators and polishers

OPS block-piece 9	50 / 300 pcs.	92-010-397
OPS block-piece 7	50 / 300 pcs.	92-010-398
OPS block-piece 5	50 / 300 pcs.	92-010-395
OPS block-piece 3	50 / 300 pcs.	92-010-396
OPS block-piece 1	50 / 300 pcs.	92-010-394

OBM block pieces

On-Block Manufacturing: the lens stays on a single block during the entire manufacturing process; only in combination with Satisloh machines

OBM block-piece 9	300 pcs. / unit	92-008-084
OBM block-piece 7	350 pcs. / unit	92-008-081
OBM block-piece 5	350 pcs. / unit	92-008-082
OBM block-piece 3	350 pcs. / unit	92-008-083
OBM block-piece 1	350 pcs. / unit	92-008-085

Adhesive

This adhesive is a photochemically inititable polymerization adhesive (UV curing adhesive) used in the alloy free blocking process.

Adhesive UV-307A	18 kg/bucket	92-010-570
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VFT MILLING WHEELS / PCD INSERTS

TECHNICAL DATA

- Pre-cuts toric, spherical and free-form organic lenses
- Materials: organic lens materials like CR39, HI and polycarbonate
- The cutter has 8 polycrystalline bits, each with a diameter of 11 mm
- Bits can be turned 3 times
- Resharpening of the PCD bits up to 3 times

BENEFITS

- Cutting bits can be exchanged easily
- Adjustment of the cutting bits is not necessary due to exact centering by fixing screws
- Cuts all organic materials
- High stock removal rates, high feed rates
- Reduced deformation in work piece due to low cutting force
- Excellent curve accuracy

PACKING UNIT

VFT-orbit / VFT-macro		Order No.
Cutting wheel T66 L incl. 8 PCD inserts	1 pc.	92-002-738
Cutting wheel T66 L (tool body) without inserts	1 pc.	92-000-915
PCD cutter bits 11 mm	1 pc.	92-000-929
PCD cribbing cutter VFT-compact	1 pc.	92-005-544
VFT engraving pin	1 pc.	92-007-078
Holder for PCD-tipped wheel T66	1 pc.	92-003-464
Mounting screw for PCD-tipped wheel T66	1 pc.	92-003-465
12 blade PCD complete tool	1 pc.	92-009-346
12 blade PCD disc	1 pc.	92-009-118
Hub for 12 blade PCD disc	1 pc.	92-000-914



Milling tool with 12 PCD tips mounted



Pre-cutter for high stock removal; processes toric, spherical and free-form organic lenses.

VFT-ORBIT 2 MILLING TOOL

TECHNICAL DATA

- Pre-cuts toric, spherical and free-form organic lenses
- Materials: organic lens materials like CR39, HI and Polycarbonate

BENEFITS

- Cuts all organic materials
- High stock removal rates, high feed rates
- Reduced deformation in work piece due to low cutting force
- Excellent curve accuracy

PACKING UNIT

VFT-orbit 2 milling tool		Order No.
VFT-orbit 2 milling tool	1 pc	92-011-008
VFT-orbit FCR (factory certified refurbished)	1 pc	92-011-438



VFT-orbit 2 milling tool

VFT TURNING TIPS / HOLDERS



Turning tips PCD / MCD

TECHNICAL DATA

- Radius 2 mm, 5 mm and 8 mm PCD tip for RX-production of CR39 and selected high index lenses
- Radius 2 mm MCD* tip for all organic lens materials and free-form

BENEFITS

- Short set-up time after tool change due to accurate length, height and radius of the tool
- Easy exchange of turning tips
- Resharpener of PCD tools up to 3 times possible, up to 5 times when using MCD tools, provided that the tips have not been damaged
- Higher throughput by increased spiral space utilizing 5 mm PCD tool (CR39/Hi only)
- Ensure short polishing time on soft tool polishers and on Toro-X machines
- Increase surface smoothness utilizing MCD* tools for lathing polycarbonate and selected high index materials

PACKING UNIT



For high speed ready-to-polish turning processes on VFT models.

	Order No.
VFT-micro	
Tool holder	1 pc. 92-009-543
Turning tip segment	1 pc. 92-009-623
VFT-orbit / VFT-orbit-2	
Tool holder	1 pc. 92-007-491
Turning tip PCD R 2 mm	1 pc. 92-007-611
Turning tip MCD R 2 mm	1 pc. 92-007-626
Turning tip MCD premium R 2 mm (natural)	1 pc. 92-007-625
Turning tip PCD R 8 mm (dia. 16 mm)	1 pc. 92-007-241
Twin action diamond R 2 mm	1 pc. 92-008-053
Tool holder VFT-orbit-2 Through Tool Cooling	1 pc. 92-011-392
Turning tool VFT-orbit-2 Performance Package R 2 mm 90°	1 pc. 92-012-507
Turning tool VFT-orbit-2 Performance Package R 2 mm 125°	1 pc. 92-012-508
Turning tool VFT-orbit-2 Performance Package R 5 mm 90°	1 pc. 92-012-509
VFT-compact	
Tool body	1 pc. 92-005-560
Holder for tool body	1 pc. 92-006-331
Turning and engraving holder	1 pc. 92-007-076
Complete holder turning / engraving w/o tools	1 pc. 92-007-098
Holder for engraving pin	1 pc. 92-007-077
Turning tip PCD R2 mm	1 pc. 92-005-546
Turning tip MCD R 2 mm	1 pc. 92-006-714
Turning tip MCD premium R 2 mm (natural)	1 pc. 92-005-564
VFT-ultra	
Holder for 16 mm PCD insert	1 pc. 92-007-240
Single tool reception 6°	1 pc. 92-005-547
Turning tip PCD R 2 mm	1 pc. 92-005-545
Turning tip MCD R 2 mm	1 pc. 92-006-713

CUTTING TOOLS & HOLDERS VFT-compact-pro & VFT-micro

TECHNICAL DATA

The new tool concept for VFT-micro is a user friendly fully integrated system. The user does not need to adjust single parts any more. The whole tool holder can be changed easily.

- Radius 2 mm, 5 mm PCD tip for RX-production of CR39 and selected high index lenses
- Radius 2 mm MCD tip for all organic lens materials and free-form

BENEFITS

- Short set-up time after tool change due to accurate length, height and radius of the tool
- Tremendous time savings in tool changing
- Easy tool change

PACKING UNIT

VFT-compact-pro		Order No.
VFT-C cribbing cutter D 70mm	1 pc.	92-005-544
VFT engraving pin	1 pc.	92-007-078
Tool body	1 pc.	92-005-560
Holder for tool body	1 pc.	92-006-331
Turning and engraving holder	1 pc.	92-007-076
Complete holder turning/engraving (w/o tools)	1 pc.	92-007-098
Holder for engraving pin	1 pc.	92-007-077
Turning tip PCD R 2 mm	1 pc.	92-005-546
Turning tip PCD R 5 mm	1 pc.	92-005-562
Turning tip MCD R 2 mm	1 pc.	92-006-714
Turning tip MCD premium R 2 mm	1 pc.	92-005-564

VFT-micro		
VFT-micro cribbing cutter D 55mm	1 pc.	92-009-729
VFT engraving pin	1 pc.	92-007-078
VFT-micro machine segment	1 pc.	92-009-543
VFT-micro turning tip segment complete	1 pc.	92-009-623



Tool holder

PCD CUTTER FOR V-50, V-75, V-95, V-100, V-PRO



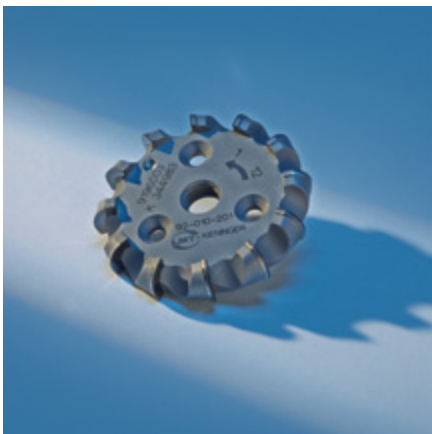
T66 right-turning milling tool ABS 32 adapter

TECHNICAL DATA

- Bits diameter 11 mm (chamfered) item no.: 92-000-929
- T 66 for V-95 with 8 bits

BENEFITS

- Cutter bits can be changed easily.
- Lifetime of one set of bits up to 60000 surfaces
- PCD rings can be turned 7 times more, thus considerably prolonging lifetime.
- Assembly of PCD replacement is done at the customer's site easily, so returning of the basic tool is not necessary.
- Adjusting of the PCD rings is not necessary. Exact centering effected via fixing screws.
- Worn PCD rings can be resharpened up to 3 times.
- Cuts all organic materials including polycarbonate
- It is not necessary to change the tools when changing the material.
- High stock removal
- Generating process with predetermined cutting geometry
- Low cutting force, reducing deformation in workpiece
- Lower power requirement for spindle motor
- In spite of the increased feeds respectively the increased stock removal, the curve accuracy is very good. The cutting process has an especially positive effect on plus lenses as there is no „pressing away“ of the lens edge



Right turning milling disk

PACKING UNIT

V-pro (right turning) with HSK C-40 adapter		Order No.
T66 V-pro, body- with 8 polycrystalline diamond bits	1 pc.	92-004-162
T80 V-pro, body only- without bits and tips	1 pc.	92-004-230
T80 V-pro, body combined- with 8 PCD bits and 2+2 PCD tips	1 pc.	92-004-164
T70 V-pro, body- without disc	1 pc.	92-003-821
T70 V-pro, body complete with disc	1 pc.	92-010-315
V-95-S and V-100 Generators (right turning) with ABS 32 adapter		
T33 R, V95-S / V100 body- with 4 polycrystalline diamond bits	1 pc.	92-002-742
T66 R, V95-S / V100 body- with 8 polycrystalline diamond bits	1 pc.	92-002-741
T66 R, V95-S / V100 body- with 8 carbide bits	1 pc.	92-002-743
V-50 and V-75 Generators (left turning) with ABS 32 adapter		
T33 L- body V-50/ V-75- body only, without 4 bits	1 pc.	92-000-916
T33 L- body V-50/ V-75- with 4 polycrystalline diamond bits	1 pc.	92-002-739
T66 L- body V-50/ V-75- body only, without 8 bits	1 pc.	92-000-915
T66 L- body V-50/ V-75- with 8 carbide bits for processing aluminium laps	1 pc.	92-002-740
T66 L- body V-50 / V-75- with 8 PCD bits	1 pc.	92-002-738
T70- body for V-50 / V-95-S / V-100 (ABS 32) without disc	1 pc.	92-000-914
PCD bits and disks for V-generators		
PCD indexible turning bits (8 pcs. = 1 set)	1 pc.	92-000-929
PCD milling disk 12 tips right turning	1 pc.	92-010-201
PCD milling disk 12 tips left turning	1 pc.	92-009-118
Carbide bits	1 pc.	92-000-928

COOLANT ADDITIVE K 40

TECHNICAL DATA

- Color: yellow
- pH-value: 9.6 (at 5%)
- Refractometer factor: 1.25
- Specific gravity at 15°C: 0.9812 g/ml
- Mix ratio: 3% (organic); 4-6% (mineral)

BENEFITS

- Superior lubricity for processing mineral lenses
- Extends life of diamond wheels
- Provides exceptional surface quality when using diamond fining process
- Prevents machine corrosion
- Free from chlorine, nitrite, phenol and PCB

RECOMMENDATIONS

- Before changing to K 40, machines, lines, pumps and coolant tanks should be cleaned thoroughly.
- Coolant concentration should be tested regularly with a hand refractometer.
- To avoid foaming in the coolant reservoir, the return tube should be placed beneath the surface of the coolant.
- For persistent foaming, use Satisloh defoamer E 100
- Keep away from frost

PACKING UNIT

Order No.

K 40	200-kg-barrel	92-000-001
K 40	60-kg-barrel	92-000-002
K 40	25-kg-can	92-000-003
K 40	10-kg-can	92-000-006



Superior water-soluble coolant concentrate for processing all RX lens materials.

ANTIFOAMING AGENTS

RECOMMENDATIONS

- E 100- recommended for coolant additives containing mineral oil
- MP- recommended for coolant additives containing synthetic oil and polishing compounds

PACKING UNIT

Order No.

E 100	10-kg-can	92-000-657
E 100	1-kg-can	92-000-658
MP	1-kg-bottle	92-005-078
MP	10-kg-can	92-005-079

The Satisloh antifoaming agents quickly reduce foam in any coolant tank or system.

COOLANT ADDITIVE K 80



Water-soluble coolant, free from mineral oil, offering excellent cutting properties.

TECHNICAL DATA

- Color: light-brown
- pH-value: 9.3
- Refractometer factor: 1.2

BENEFITS

- Free from chlorine, phenols and formaldehydes, nitrite, PCB/PCT/PTBB, silicon and other dangerous and/or raw materials subject to marking, free from raw materials with an own MAK value
- High anticorrosive reserve
- Good settling of glass residues
- Clean, transparent grinding results
- Minimum aerosol forming
- Optimum machine maintenance
- High efficiency

RECOMMENDATIONS

- Before changing to K 80, machines, lines, pumps and coolant tanks should be cleaned thoroughly.
- Coolant concentration should be tested regularly with a manual refractometer.
- To avoid foaming in the coolant reservoir, the return tube should be placed beneath the surface of the coolant.
- For persistent foaming, use Satisloh defoamer E 100
- Keep away from frost

PACKING UNIT

Order No.

Coolant additives free from mineral oil:

K 80	237-kg-barrel	92-000-013
K 80	29-kg-can	92-000-015
OGF 2000	180-kg-barrel	92-000-016
OGF 2000	18-kg-can	92-000-017
VFT 400	20-l-can	92-009-731
LH-405 PLUS Coolant - pail	5 gal	92-010-414
LH-405 PLUS Coolant - drum	55 gal	92-010-412



VFT-400

TECHNICAL DATA

- Work range base 0-14 dpt, cyl 0-4 dpt (max. 14 dpt in strongest meridian)
- Polyurethane based polish carrier

BENEFITS

- High shape accuracy for all lens surfaces
- Eliminates hard lap tools
- Cost efficient
- Reduces handling, because fewer tools are needed for large working range
- Short polish times through high stock removal rates; process times nearly independent of cylinder and/or add powers
- Highly versatile: polishes all lens formats (toric, spherical, free-form, convex & concave)
- RFID tag embedded on each tool



Polishing tools for Multi-FLEX polishing processes

RECOMMENDATIONS

Please use with recommended polishing compound only

PACKING UNIT

Tool	Working Range	Throughput	Characteristics	Packing unit	Order No.
Universal Premium FLEX XL ^{*1}	0-14 dpt Cyl. up to 6 dpt Ø 55-90 mm	Up to 85 lenses/hour	<ul style="list-style-type: none"> • one universal tool curve • wider process window • recommended for lenses which will be hard coated later in a 1-Step process 	2 pc	92-011-818
Universal Extended Range FLEX ^{*1}	14-18 dpt Cyl. up to 6 dpt Ø down to 48 mm	Up to 85 lenses/hour	<ul style="list-style-type: none"> • significantly wider working range • recommended for lenses which will be hard coated later in a 1-Step process 	2 pc	92-011-819
Universal High Luster FLEX ^{*1}	0-18 dpt Cyl. up to 6 dpt Ø 48-90 mm	Up to 85 lenses/hour	<ul style="list-style-type: none"> • use only as a second step in a 2-Step process for a high luster finish 	2 pc	92-011-820
Universal Top Speed Flex	0-14 dpt Cyl. up to 6 dpt Ø 48-85 mm	Up to 100 lenses/hour	<ul style="list-style-type: none"> • 1st step of the Top Speed process 	2 pc	92-012-812

^{*1} Patent: US 10,569,387 B2- Granted in the USA and other countries.

Duo-/Toro-FLEX POLISHING TOOLS



Standard FLEX tools curved for Duo- and Toro-FLEX



Premium FLEX XL polishing tools curved for Duo- and Toro-FLEX



Speedflex polishing tools for two-step polishing process

TECHNICAL DATA

- Diameter: 47 mm
- Work range base 0-14 dpt, cyl 0-4 dpt (max. 14 dpt in strongest meridian)
- Polyurethane based polish carrier

BENEFITS

- High shape accuracy for all lens surfaces
- Eliminates hard lap tools
- Cost efficient
- Reduces handling, because fewer tools are needed for large working range
- Short polish times through high stock removal rates; process times nearly independent of cylinder and/or add powers
- Highly versatile: polishes all lens formats (toric, spherical, free-form, convex & concave)

RECOMMENDATIONS

- Please use with recommended polishing compound only

PACKING UNIT

		Order No.
Duo-/Toro-FLEX		
Standard FLEX tool starter kit D/T	130 pcs.	92-008-016
Standard FLEX tool D/T 1/1	10 pcs.	92-008-017
Standard FLEX tool D/T 3/3	10 pcs.	92-008-018
Standard FLEX tool D/T 5/5	10 pcs.	92-008-019
Standard FLEX tool D/T 7/7	10 pcs.	92-008-020
Standard FLEX tool D/T 9/9	10 pcs.	92-008-021
Standard FLEX tool D/T 11/11	10 pcs.	92-008-022
Standard FLEX tool D/T 13/13	10 pcs.	92-008-023
PREMIUM FLEX XL D/T 1/1	10 pcs.	92-009-949
PREMIUM FLEX XL D/T 3/3	10 pcs.	92-009-950
PREMIUM FLEX XL D/T 5/5	10 pcs.	92-009-951
PREMIUM FLEX XL D/T 7/7	10 pcs.	92-009-952
PREMIUM FLEX XL D/T 9/9	10 pcs.	92-009-953
PREMIUM FLEX XL D/T 11/11	10 pcs.	92-009-954
PREMIUM FLEX XL D/T 13/13	10 pcs.	92-009-955
Important Remark: When switching from standard tools to Premium XL adjustments of machine has to be done.		
Speed-FLEX tool starter kit PU 1,02 mm	10 pcs.	92-010-361
Speed-FLEX D 1/1	10 pcs.	92-010-248
Speed-FLEX D 3/3	10 pcs.	92-010-249
Speed-FLEX D 5/5	10 pcs.	92-010-250
Speed-FLEX D 7/7	10 pcs.	92-010-251
Speed-FLEX D 9/9	10 pcs.	92-010-252
Speed-FLEX D 11/11	10 pcs.	92-010-253
Speed-FLEX D 13/13	10 pcs.	92-010-254

Auto-/i-FLEX & Micro-FLEX POLISHING TOOLS

TECHNICAL DATA

- Diameter: 47 mm
- Work range base 0-14 dpt, cyl 0-4 dpt (max. 14 dpt in strongest meridian)
- Polyurethane based polish carrier

BENEFITS

- High shape accuracy for all lens surfaces
- Eliminates hard lap tools
- Cost efficient
- Reduces handling, because fewer tools are needed for large working range
- Short polish times through high stock removal rates; process times nearly independent of cylinder and/or add powers
- Highly versatile: polishes all lens formats (toric, spherical, free-form, convex & concave)

RECOMMENDATIONS

Please use with recommended polishing compound only

PACKING UNIT

Auto-/i-FLEX		Order No.
Standard FLEX tool starter kit I/A	168 pcs.	92-007-037
Standard FLEX tool I/A 0/0	10 pcs.	92-007-088
Standard FLEX tool I/A 1/1	10 pcs.	92-007-052
Standard FLEX tool I/A 2/2	10 pcs.	92-007-059
Standard FLEX tool I/A 3/3	10 pcs.	92-007-061
Standard FLEX tool I/A 4/4	10 pcs.	92-007-062
Standard FLEX tool I/A 5/5	10 pcs.	92-007-063
Standard FLEX tool I/A 6/6	10 pcs.	92-007-064
Standard FLEX tool I/A 7/7	10 pcs.	92-007-065
Standard FLEX tool I/A 8/8	10 pcs.	92-007-066
Standard FLEX tool I/A 9/9	10 pcs.	92-007-067
Standard FLEX tool I/A 10/10	10 pcs.	92-007-053
Standard FLEX tool I/A 11/11	10 pcs.	92-007-054
Standard FLEX tool I/A 12/12	10 pcs.	92-007-056
Standard FLEX tool I/A 13/13	10 pcs.	92-007-057
Standard FLEX tool I/A 14/14	10 pcs.	92-007-058
Micro-FLEX Polishing Tools		
Clip-on pad 02Si Ø 50 Sovra	2 pcs./box	92-009-079
Flat spring 02Si Ø 50	20 pcs./pack	92-009-080
O-Ring 02Si Ø 50	10 pcs./pack	92-009-081
Clip-on pad 02Si Ø 55 Sovra	2 pcs./box	92-009-076
Flat spring 02Si Ø 55	20 pcs./pack	92-009-077
O-Ring 02Si Ø 55	10 pcs./pack	92-009-078
Clip-on pad 02Si Ø 70 Sovra	2 pcs./box	92-009-098
Flat spring 02Si Ø 70	20 pcs./pack	92-009-099
O-Ring 02Si Ø 70	10 pcs./pack	92-009-100



Multiple use flexible polishing tool for All-Format™ lens surfaces, eliminates hard lap tools (Auto-/i-FLEX).



Micro-FLEX polishing tools flat

POLY-PRO ALL-FORMAT



Exclusively formulated for use in our soft tool polishing units in conjunction with Satisloh VFT generator line.

TECHNICAL DATA

- Appearance: white slurry
- pH: 3.0-4.2
- Particle size: 1.2-2.2 micron
- Suspension treated
- Baumé: 23-25°

BENEFITS

- Exclusively formulated for use in soft tool polishing units on non-woven polishing carriers
- Formulated from the Poly-Pro polish, provides needed results in cut-to-polish systems
- Provides appropriate removal rate for organics, including demanding materials like polycarbonate and Trivex

RECOMMENDATIONS

- Please flush your polish system completely before using Poly-Pro polish.
- Best performance operating at 14,5- 17,2°C
- Product should be filtered, preferred filter size: 150-200 micron
- Do not mix with other polishes, because this will cause foaming.

PACKING UNIT

		Order No.
Poly-Pro All-FormatTM	1 gallon	92-005-541
Poly-Pro All-FormatTM	5 gallons	92-005-542

POLY-PRO POLISH



Premium polish for one-step fining of all resin materials developed for unsurpassed high-speed polycarbonate processing, with new cutting agent technology.

TECHNICAL DATA

- Appearance: white slurry
- pH: 3.2-3.9
- Particle size: 1.6-1.8 micron
- Suspension treated
- Baumé: 24-26°

BENEFITS

- Exceptional surface quality for all organic materials through advanced cutting technology
- Significantly reduces haze on polycarbonate surfaces
- Its versatility offers one single polish solution for all organic materials.
- Provides excellent suspension properties
- Excellent sheeting action reduces polish waste
- Can be used in any re-circulation system, including a one-tank operation as well as a large central slurry system
- Ideal for AR and hard coatings

RECOMMENDATIONS

- Please flush your polish system completely before using Poly-Pro polish.
- Best performance operating at 14,5- 17,2°C
- Product should be filtered, preferred filter size: 150-200 micron
- Do not mix with other polishes, because this will cause foaming.

PACKING UNIT

		Order No.
Poly-Pro Polish	1 gallon	92-005-015

TECHNICAL DATA

- Appearance: white slurry
- pH: 3.5
- Particle size: 1.3-1.6 micron
- Baumé: 17°
- Suspension treated

BENEFITS

- Improved suspension agents help prevent settling
- High aluminum oxide content ensures a long lifetime
- High stock removal for short cycle times
- Works in combination with fining or cut-to-polish process

RECOMMENDATIONS

- Shake well before use
- Check density (Baumé) regularly. Maintain a Baumé range of 15-17°.
- Temperature should not exceed 12°C
- Before changing to this product Satisloh recommends that your polishing system be completely flushed
- For optimum performance, use a Satisloh polishing pad

PACKING UNIT

Order No.

PP 510 AR	1 gallon	92-000-373
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Aluminum-oxide based polish for organic, polycarbonate and high index. Highly recommended for Satisloh cut-to-polish systems.

FINING PAD DABV (P 800)



Premium one-step fining pad for polycarbonate and Trivex lenses, ensures consistent stock removal and fast fining with low pressure.

TECHNICAL DATA

- Abrasive: P 800 silicon carbide abrasive
- Backing: double-sided silicone-coated paper
- Adhesive: removable rubber
- Thickness: 0.37 mm
- Design: 7 petals
- Diameters: 76, 85 mm
- Roll: 1000 pads

BENEFITS

- Consistent stock removal on polycarbonate and Trivex
- Paper style backing for consistent and even distribution of abrasive
- Silicon carbide abrasive for consistent smoothing
- Low fining times and pressures
- Industrial packaging prevents moisture and contamination-extending shelf life.
- Single pad fining system reduces errors and costs.

RECOMMENDATIONS

- Always place pad on center to clean, dry tool for optimum results.
- Recommended for one-step fining elliptical error free lenses produced on newer CNC generators, including the Satisloh V-series
- Polishing pad should have a larger diameter than the fining pad.

PACKING UNIT

PACKING UNIT		Order No.
DABV, 76 mm, 7 petals	1000/roll	92-004-308
DABV, 85 mm, 7 petals	1000/roll	92-003-781

TECHNICAL DATA

- Abrasive: P-graded aluminum oxide
- Backing: double-sided aluminum oxide coated paper
- Adhesive: woven gummed rubber
- Thickness: 0.4 mm
- Diameter: 76, 83 and 89 mm
- Design: 6 and 7 petals
- Roll: 1000 pads

BENEFITS

- Consistent stock removal on all organic materials including mid and high index, transitions, and spectralite
- Provides exceptional surface quality with shortest process times
- Pressure sensitive adhesive for easy application and removal
- Can be used as a conventional pad or with the Satisloh Lift Base Pad

RECOMMENDATIONS

- Recommended for one-step fining elliptical error free lenses produced on newer CNC generators, including the Satisloh V-series
- Always center pad on clean, dry tool for optimal results.
- Polishing pad should have a larger diameter than the fining pad.
- As follows:
 - Smoothing pad 76 mm / Polishing pad 83 mm
 - Smoothing pad 83 mm / Polishing pad 89 mm

APPLICATIONS

Machine	Material	Pressure	Cycle Time	Stock Removal
Toro-X	CR39	0.25 bar	1:30	0.25-0.30 mm
	Mid Index	0.25 bar	1:30	0.25 mm
	High Index	0.25 bar	1:15	0.20 mm
	Transitions	0.25 bar	1:30	0.25 mm
	Spectralite	0.25 bar	1:30	0.25-0.30 mm
Pin Style	All		1:30	0.20 mm

PACKING UNIT

		Order No.
SP P 1200 green CSF* 76 mm/060011	1000/roll	92-000-355
SP P 1200 green CSF* 76 mm/070011	1000/roll	92-000-356
SP P 1200 green CSF* 83 mm/060011	1000/roll	92-000-357
SP P 1200 green 89 mm/060011	1000/roll	92-003-349



Premium one-step fining pad for all organic lens materials provide exceptional surface quality with shortest process times.

POLISHING PAD P 21 LIGHT BLUE/WHITE



Polishing pad for organic lenses.



Polishing pad for organic lenses, especially polycarbonate and high index, due to a unique floc material and adhesive backing.

TECHNICAL DATA

- Surface material: high density flock
- Adhesive: removable acrylic
- Design: 6 or 7 petals
- Thickness: 1.20 mm
- Diameter: 76, 83 and 89 mm
- Roll: 250 pads

BENEFITS

- Constructed of quality materials for premium polished finish
- Removable acrylic adhesive leaves no residue on a tool
- Consistent performance from first to last pad
- Packaged in airtight bag prevents moisture and contamination - extending product life
- Premium product designed for all material polishing
- Can be used as a conventional pad or with the Satisloh Lift Base Pad

RECOMMENDATIONS

- Store in a dry place
- Polishing pad should have a larger diameter than the fining pad.
As follows:
Smoothing pad 76 mm / Polishing pad 83 mm
Smoothing pad 83 mm / Polishing pad 89 mm
- When using the base pad system, apply polishing pad on top of the base pad.
Tool should be completely covered without overlapping.

APPLICATIONS

Machine	Material	Pressure
Toro-X	CR39, High Index	0.35 bar
	Transitions & Spectralite	0.35 bar
	Poly & Trivex	0.30 bar
Pin Style	All	

PACKING UNIT

		Order No.
P 21 light blue sec 76 mm /070011	250/roll	92-000-377
P 21 light blue sec 76 mm /060111	250/roll	92-000-378
P 21 light blue sec 83 mm /070011	250/roll	92-000-380
P 21 light blue sec 83 mm /060010/no PSA	250/roll	92-000-381
P 21 light blue sec 83 mm /060011	250/roll	92-000-382
P 21 light blue sec 89 mm /070011	250/roll	92-000-383
P 21 white sec 89 mm /070011	500/roll	92-000-401

SINTERED DIAMOND WHEELS / CNC

TECHNICAL DATA

- T90CC, D181, C25, bond DH190, for Toromatic CNC version I+IV
- T90CC, D181, C40, bond ARS, for Toromatic CNC version IV+VIII/S+E+SL
- T90CC, D181, C35, bond BNX, for Toromatic CNC version VIII/S+E+SL

BENEFITS

- Constantly high quality
- High cutting performance

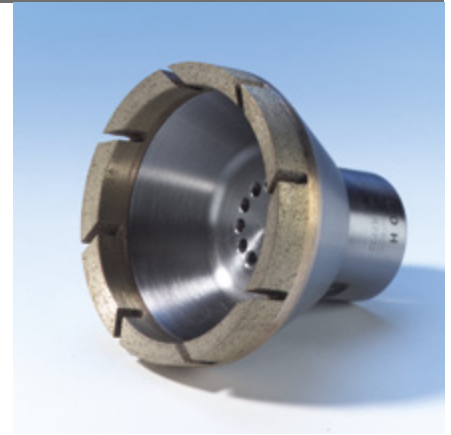
RECOMMENDATIONS

- Alteration of the lip form of the diamond wheel is eliminated due to a general stock removal of 5 mm at full speed (CNC version VIII with automatic feed regulation) and a rate of speed adapted to the workpiece (for CNC-version I+IV without automatic feed regulation).
- In case of deformation of the lip or the lip radius, there will be deviations in the area of the base- and cylinder curves.
- The lip of the wheel must then be re-corrected with a coarse SIC fining tool (e.g. on a suitable generating machine or turning lathe- by no means on the Toromatic CNC).
- The generating error must not be compensated by correction values on the refractive index, base/cylinder curve, as this will not give exact and reproducible generating results.

PACKING UNIT

		Order No.
T 90 CC L01 / C20 / D181	1 pc.	92-000-818
T 90 CC DH186 L01/ C25 /D181	1 pc.	92-000-828
T 90 CC BNX L01 / C35 / D181	1 pc.	92-000-829
T 90 CC M+P L01/ C25 / D251 (mineral+organic)	1 pc.	92-000-831
T 90 CX L01 / C25 / D181	1 pc.	92-000-844
T 90 CC / 80 CX LP/C25 / D181 /sinter*	1 pc.	92-000-852
T 90 CC / 84 CX LP/C50/D181/DH186/ no slots*	1 pc.	92-000-854
Diamond disc T70 D181/C50/BNX	1 pc.	92-000-922
Diamond disc T70 D181/C35/BNX	1 pc.	92-005-478
Diamond disc T70 D126/C35/BNX	1 pc.	92-000-923
Diamond disc T70 D126/C50/BNX	1 pc.	92-002-113
Diamond disc T70 D181/C25/BZM	1 pc.	92-004-479
Diamond disc T70 D181/C35/BZ105	1 pc.	92-003-668

* for mass production



Available in different bronze bonds for generating toric / spherical mineral lenses.



Diamond disc T-70 different bonds available

GLASS DIAMOND FINING PAD



Multi-use, non-adhesive, sintered diamond pad for smoothing mineral lenses provides lowest cost per surface in RX-production.

TECHNICAL DATA

- Abrasive: sintered diamond particle
- Backing: softened bronze resin
- Design: split 4 petals
- Diameter: 75 and 79 mm
- Base pad: base pad P1 blue
- Available types: SDK / LL

BENEFITS

- Lowest surface cost for mineral lens production
- Long life (300+ surfaces)
- Eliminates emery use
- Environmentally friendly process utilising coolant additives
- Adhesive-free pads eliminate labour-intensive pad removal
- Cycle times reduced by 50% compared with emery process
- Even grit distribution of the diamond particles integrated in a special copper bond

RECOMMENDATIONS

- We recommend pre-forming new diamond pads by using 3 different smoothing tools, e.g. 3 dpt for working range 0-6 dpt
8 dpt for working range 6-10 dpt
12 dpt for working range 10-15 dpt
- Recommended Satisloh coolants should be used (see chapter Coolants)
- For best results, use the Satisloh Standard 60 LOH or PU 166 for polishing.

APPLICATIONS

Machine	Pressure	Coolant	Glass Index
Toro-X	0.9 bar	K 40/K 80	1.523
	0.9 bar	K 40/K 80	1.6
	0.6 bar	K 40/K 80	1.7
Pin Style		K 40/K 80	1.8

PACKING UNIT

Product	Grit	Size	Order No.
SDK700LS4	20-30 micron	75 mm	92-000-079
SDK700LS4	20-30 micron	79 mm	92-000-085
LL	20-30 micron	75 mm	92-004-194
LL	30-40 micron	79 mm	92-005-061
LL	30-40 micron	75 mm	92-005-060
LL	20-30 micron	79 mm	92-004-195

TECHNICAL DATA

- Backing: semi-permanent adhesive
- Thickness: 0.50 mm
- Design: 4, 6 and 7 petals
- Diameter: 76 and 83 mm
- Roll: 500 pads

Abrasive base pad for Satisloh diamond fining systems.

BENEFITS

- Easy application and removal of diamond fining/polishing pads
- Designed for maximum productivity with easier handling
- User-friendly system
- Pad life: approx. 300 surfaces

RECOMMENDATIONS

- Apply to clean, dry tools
- Locate pad on lap tool center
- Pad press is strongly recommended
- Replace damaged or visually worn pads

PACKING UNIT

Order No.

P1 SEC BLAU 76 MM / 040011	500/roll	92-000-304
P1 SEC BLAU 76 MM / 060011	500/roll	92-000-303
P1 SEC BLAU 83 MM / 060011	500/roll	92-000-307

POLISHING PADS STANDARD 60 S AND MULTIPOL



For polishing mineral RX-lenses, developed to work with cerium oxide, these pads provide excellent polishing results.

TECHNICAL DATA

- Thickness: 0.6 mm
- Design: 6 petals
- Diameter: 76, 80, 83, 89 mm

BENEFITS

- Special fibres integrated in polishing cloth improve polishing results

RECOMMENDATIONS

- Place pads without adhesive in water before applying them to the gripper pads
- Apply pads with adhesive straight onto the tool

PACKING UNIT

Order No.

Standard 60 with glue on rolls:

STANDARD 60 S 76MM/060111, 6 petals with center hole	1000/roll	92-000-280
STANDARD 60 S 83MM/060111, 6 petals with center hole	1000/roll	92-001-778
STANDARD 60 S 89MM/060011, 6 petals	1000/roll	92-000-281

Multipol 60 without glue loose in boxes:

MULTIPOL 60 76MM/ 6 petals without adhesive	500/box	92-000-289
MULTIPOL 60 83MM/ 6 petals without adhesive	500/box	92-000-291
MULTIPOL 60 89MM, 6 petals without adhesive	500/box	92-000-292

TECHNICAL DATA

- Color: cream color powder
- Mix-ratio: 80 g to 1 l of water
- Size: 20 kg
- Operating temp.: 20-25°C
- Baumé: 12-14°

BENEFITS

- Unlike synthetic-based compounds, SuperCerox 1663's natural components provide better quality surfaces.
- Strict quality control standards check for the following: hardness, grit size, suspension properties, and polishing efficiency
- Provides superb surface quality on all types of mineral materials
- Long lasting life
- Easy system clean up

RECOMMENDATIONS

- To obtain maximum yields the recommended Baumé is 13° at 20-25°C.
- System should be checked daily and flushed every ten days.

PACKING UNIT

		Order No.
SuperCerox 1663	20 kg	92-000-122
CEROX 1650	20 kg	92-000-121
CEROX 1670 G	20 kg	92-007-032
CE 863	20 kg	92-010-679



Water-soluble glass polish compound composed of high-grade cerium oxide and rare earth materials.



Cerium oxide powder of high purity for highest request on surface quality



CLEANING

High level cleaning- ready-to-coat and ready-for-inspection demands reliable equipment and proven cleaning agents. Satisloh offers both. Deconex cleaning agents for different applications supplied by the Swiss based company Borer Chemie AG provide high quality cleaned lens surfaces.

Please ask your local representative for further details.

DECONEX OP 141



For use in ultrasonic cleaning systems. Deconex OP 141 is a NTA free liquid, highly alkaline cleaning concentrate for optical industry to remove synthetic resin (e.g. mixtures of amorphous resins, colophonium, shellac, resins, varnish, abrasive and polish residues etc.).

TECHNICAL DATA

- Suitable for: glass, precious metals, stainless steel, precious stones, lead crystal, quartz, synthetic material, ceramic, ophthalmic lenses
- Not suitable for: alkaline sensitive high precision optical glasses
- Exposure time at 60-80°C: 3-10 min (dosage 2-5%)
- pH-value: 1% = 12.6
- Density: 1.32 g/ml
- Surface tension: 1% = 30 dyn/cm
- Titration: 100 ml basis; 0.1 N hydrochloric acid
- Frost-sensitive

BENEFITS

- Deconex OP 141 has excellent emulsifying capabilities and particles of resin are easily removed because its good wetting performances.
- Through the partial chemical dissolving and emulsifying of the resin, a re-deposition of the removed resin to the surface is inhibited. Consequently, the solution's lifetime and efficacy will be extended.

RECOMMENDATIONS

- The use of ultrasonic cleaning systems is strictly recommended!
- The cleaning procedure is accelerated by raising the temperature of the solution. The time necessary is roughly halved for each increase of 10°C.
- Keep container tightly closed, store in dry place and protect from sun. Recommended storage temperature: +5 to +25°C

PACKING UNIT

		Order No. (Germany/Overseas)
Deconex OP 141	12-kg-can	92-008-170 / 92-008-113
Deconex OP 141	30-kg-can	92-008-171 / 92-008-115
Deconex OP 141	260-kg-barrel	- / 92-008-116

DECONEX OP 148

For use in ultrasonic cleaning systems. Deconex OP 148 is a NTA free liquid, highly alkaline cleaning concentrate for the final cleaning of organic and mineral ophthalmic lenses prior to coating. Deconex OP 148 can also be used for the removal of abrasives and polishing compounds after manufacturing (cleaning process „ready-for-inspection“).

TECHNICAL DATA

- Suitable for: all kinds of alkali compatible organic and mineral ophthalmic lenses and high precision optical glasses
- Not suitable for: alkaline sensitive high precision optical glasses
- Exposure time at 60-80°C: 3-10 min (dosage 1-3%)

BENEFITS

- Deconex OP 148 has excellent emulsifying and dispersing capabilities and contamination is easily removed because of its good wetting performance.
- An optimum compound of surfactant allows an easy rinse off without any traces of the cleaning solution left.

RECOMMENDATIONS

- Keep container tightly closed, store in a dry place and protect from sun. Recommended storage temperature: +5 to +25°C

PACKING UNIT

		Order No. (Germany/Overseas)
Deconex OP 148	30-kg-can	92-008-172 / 92-008-117
Deconex OP 148	240-kg-barrel	92-008-173 / 92-008-118

TECHNICAL DATA

- Suitable for: ophthalmic lenses, bifocal lenses, aluminium, non-ferrous metals, chrome steel, stainless steel, CrNi, ceramic, porcelain, quartz, glass
- Not suitable for: strongly acidic sensitive high precision optical glasses and zinc
- Exposure time at 40-60°C: 2-5 min (dosage: 1-5%) in softened water or in tap water
- pH-value: 1% in demineralised water: approx. 4
- Density: 1.12 g/ml
- Titration: with 0.1 N potassium hydroxide, indicator: phenolphthalein
- Frost-sensitive

BENEFITS

- It can be used to treat acid sensitive bifocal lenses.
- Deconex OP 171 has an excellent wetting property for organic and mineral ophthalmic lenses.
- It enables a rapid and complete rinsing during the following rinsing process.
- It is applicable for prior to inspection as well as for prior to coating cleanings.

RECOMMENDATIONS

- Keep container tightly closed, store in dry place and protect from sun.
Recommended storage temperature: +5 to +25°C

PACKING UNIT

		Order No. (Germany/Overseas)
Deconex OP 171	10-kg-can	- / 92-000-726
Deconex OP 171	25-kg-can	92-004-597 / 92-002-354



For use in ultrasonic cleaning systems. Deconex OP 171 is a liquid, mildly acidic cleaning concentrate. Generally, it is used after cleaning organic and mineral ophthalmic lenses with alkaline detergents. It helps to neutralise traces of alkalis before lenses are rinsed in demineralised water.

DECONEX OP 196

Alkaline cleaning concentrate for the removal of protective lacquers and color markings.

For use in soaking baths and ultrasonic cleaning systems.

TECHNICAL DATA

- Suitable for: organic and mineral ophthalmic lenses, quartz, ceramic, the following seals/tubes: Teflon™, Kalrez™, silicone rubber, polyethylene (HDPE/LDPE/crosslinked), polypropylene, EP copolymer, nylon 101, Halar™
- Not suitable for: the following seals/tubes: ABS, PVC, Viton™, Kynar™, Lexan™, Buna-N, Noryl™ EN-265
- Exposure time at 50-70°C: 3-10 min (dosage: 20-50%)
- pH-value: 50% = 13.6
- Density: 1.04 g/ml
- Titration: 10 ml basis in 90 ml demineralised water, 1.0 N of hydrochloric acid

BENEFITS

- Due to its composition Deconex OP 196 reduces the surface tension remarkably and dissolves tenacious protective lacquers as well as specific color markings.
- The product's alkalinity assists the removal of polishing compounds following the removal of the protective lacquers.

RECOMMENDATIONS

Deconex OP 196 is a liquid alkaline cleaning concentrate for the removal of protective lacquer after manual or automatic deblocking of organic and mineral ophthalmic lenses. Furthermore this product can be used to remove color markings.

PACKING UNIT

Order No. (Germany/Overseas)

Deconex OP-196

210-kg-barrel

92-006-649 /-92-00649



COATING

Benefit from Satisloh's complete set of consumables for AR and hard coating ophthalmic lenses- well proven and perfectly suited for Satisloh dip coaters, box coaters and sputter coating systems.

Products offered are: hard coating lacquers, crucible liners, evaporation boats, proprietary and generic evaporants for AR coating, proprietary evaporants for absorption coatings, consumables for ion guns, top coats, monitor crystals and sputtering materials.

Please ask your local representative for further details.

HARD COATING CHEMICALS FOR DIP COATING



Satisloh varnish filter elements with adapter and sealing ring inside.

TECHNICAL DATA

- Satisloh provides lacquers for hard coating of lenses with superior performance.
- The hard coating lacquers are designed for the application by dip coating.

BENEFITS

- Highest abrasion resistance
- Highest adhesion
- One component lacquers (no mixing needed)
- Easy to handle
- Proven quality
- Shelf life 6 month in freezer at -15 to -20°C
- Pot life approx. 12 weeks

RECOMMENDATIONS

- Keep the lacquers refrigerated (-15 to -20°C)
- Keep containers closed
- Only use Satisloh solvents optimized for Satisloh hard coats
- Follow recommendations shown in the technical data sheets

APPLICATIONS

- Hard coats for CR39, polycarbonate, high index and other lens materials
- Use in Satisloh and other dip coating systems

ORDERING INFORMATION

Product	Specification	System	Unit	Order No.
DN 1601	hard coat index 1.6	dip coaters	5 kg	92-009-121
DN 1671	hard coat index 1.67	dip coaters	5 kg	92-010-037
DN 1500	hard coat index 1.5	dip coaters	5 kg	92-007-759
DT 1500	hard coat index 1.5 tintable	dip coaters	5 kg	92-007-801
DP 100	primer for hard coat	dip coaters	4 kg	92-007-092
DS 1600	solvent mix for DN1600	dip coaters	4 kg	92-007-590
DS 1500	solvent mix for DN1500	dip coaters	4 kg	92-007-589
PMGE	solvent general purpose	dip coaters	4 kg	92-007-760
SM-301	flow modifier	dip coaters	100 g	92-007-692
1,2,4 filters 1μ, 5"	filter for detergents	dip coaters	1 pc.	92-007-122
DI-Water filter 0.5μ	filter for DI-Water DC 04/06	dip coaters	1 pc.	92-007-296
varnish filter	filter for SCL plant DC 04/06	dip coaters	1 pc.	92-007-050
varnish filter 3μ	1 day filter DC 04/06	dip coaters	1 pc.	92-007-826
varnish filter 5μ	3 months filter DC 04/06	dip coaters	1 pc.	92-007-297
varnish filter 1μ	3 months filter SL-201/501	dip coaters	1 pc.	92-007-128

HARD COATING CHEMICALS FOR SPIN COATING

TECHNICAL DATA

- Satisloh provides lacquers for hard coating of lenses with superior performance
- The hard coating lacquers are designed for application in Satisloh spin coaters

BENEFITS

- Highest abrasion resistance
- Highest adhesion
- One component lacquers (no mixing needed)
- Easy to handle
- Proven quality

RECOMMENDATIONS

- Store in clean and dry environment at room temperature
- Keep containers closed
- Use only in connection with Satisloh spin coating machines

ORDERING INFORMATION

Product	Specification	Unit	Order No.
MS-P500	tintable lacquer for polycarbonate	pack of 4 pints	92-007-228
MS-U900	non tintable lacquer for CR39, Trivex and high index for COB	pack of 4 pints	92-008-344
PROPASOL	dry agent additive for DI water	pack of 8 pints	92-006-552
MS-P601	Satisloh MS-P601 Non Tintable Coating	bottle of 1 pint (0,473 l)	92-007-721
	Lens Pre-Wipe Solution	pack of 8 pints	92-007-660
	PM Solvent for flushing coating bowl	pack of 8 pints	92-007-659



Satisloh hard coats combine superior performance in conjunction with AR coatings.

PROPRIETARY EVAPORANTS FOR AR COATING



Guaranteed quality with materials designed for Satisloh processes.

TECHNICAL DATA

- High purity and consistency

BENEFITS

- Optimized for Satisloh coating processes and machines
- Assures high proven quality and high performance
- Process guarantee for Satisloh processes

RECOMMENDATIONS

- Store in a dry place
- Keep containers closed

APPLICATIONS

Satisloh process families for box coaters and bell coaters

- Ioncote κ+ X
- Ioncote κ X
- Performance X
- Multiquarz X
- Multicote X
- Spectraflex X

ORDERING INFORMATION

Product	Product Form	Specification	Unit	Order No.
AR-Plus	granules	1-2.5 mm	500 g	92-005-257
S-1-F	granules	2-4 mm	250 g	92-005-243
S-3-F	granules	1-2.5 mm	500 g	92-005-241
S-5-F	granules	1-4 mm	500 g	92-005-255
S-8-G plus	granules	1-3 mm	250 g	92-005-239
S-9-G	granules	1-4 mm	250 g	92-005-254
S-11-P	pills	17,5 x 5 mm	250 g	92-005-252
S-15-G	granules	0.1-3 mm	250 g	92-005-240
S-22-P	pills	21 x 6 mm	250 g	92-005-262
S-23-P	pills	21 x 8 mm	250 g	92-005-263
S-26-P	pills	13,5 x 9,5 mm	250 g	92-005-261
SA-1-G	granules	1-3 mm	100 g	92-005-260
SC-1-G	granules	1-2 mm	250 g	92-005-264

GENERIC EVAPORANTS FOR AR COATING

TECHNICAL DATA

- High purity and consistency

BENEFITS

- Guaranteed consistent high quality and high performance for AR coating processes
- High quality materials
- Approved quality

RECOMMENDATIONS

- Store in a dry place
- Keep containers closed

APPLICATIONS

- Can be used in all types of coaters that work with thermal or EB evaporation sources

OXIDES

Product	Formula	Form	Specification	Unit	Order No.
adhesion material	SiO/Cr	granules	1-3 mm	250 g	92-007-274
aluminum oxide	Al ₂ O ₃	granules	1-3 mm	250 g	92-007-269
silicon dioxide	SiO ₂	granules	1-4 mm	500 g	92-005-994
silicon dioxide	SiO ₂	granules	1-3 mm	5000 g	92-005-897
silicon monoxide	SiO	granules	2-4 mm	250 g	92-005-986
zirconium dioxide white	ZrO ₂	pills	21.5 x 6 mm	250 g	92-007-258
zirconium dioxide white	ZrO ₂	pills	21.5 x 8 mm	250 g	92-007-260
zirconium dioxide white	ZrO ₂	pills	21.5 x 8 mm	1000 g	92-007-262
zirconium dioxide white	ZrO ₂	pills	21.5 x 8 mm	5000 g	92-007-261
zirconium dioxide white	ZrO ₂	pills	12.5 x 8 mm	500 g	92-009-983
zirconium dioxide grey	ZrO ₂	pills	13.5 x 9.5 mm	250 g	92-007-265
zirconium dioxide grey	ZrO ₂	pills	17.5 x 5 mm	250 g	92-007-267
Indium tin oxide	ITO	pills	8 x 4.5 mm	100 g	92-007-678
Indium tin oxide	ITO	granules	1-2 mm	250 g	92-008-131
zirconium dioxide white	ZrO ₂	granules	1-4 mm	250 g	92-011-288

FLUORIDES

Product	Formula	Form	Specification	Unit	Order No.
magnesium fluoride	MgF ₂	granules	1-2.5 mm	500 g	92-005-914
magnesium fluoride	MgF ₂	granules	2.5-4 mm	500 g	92-005-912

METALS

Product	Formula	Form	Specification	Unit	Order No.
chromium	Cr	granules	1-4 mm	250 g	92-005-984
chromium	Cr	granules	ca. 1 mm	250 g	92-006-762



High quality, high performance generic evaporation materials for all non Satisloh AR processes.

PROPRIETARY EVAPORANTS FOR ABSORPTION COATINGS



Highly qualified for all Satisloh absorption processes.

TECHNICAL DATA

- High purity and consistency

BENEFITS

- Optimized for Satisloh coating processes and machines
- Assure high process quality and high performance for all Satisloh absorption processes
- Provide high performance
- Proven quality
- Process guarantee for Satisloh processes

RECOMMENDATIONS

- Store in a dry place
- Keep containers closed

APPLICATIONS

- Satisloh absorption processes for box and bell coaters
- Customized coating processes
- Customized coatings

ORDERING INFORMATION

Product	Product Form	Specification	Unit	Order No.
brown CL	powder		250 g	92-005-692
brown L	granules	1.5- 5 mm	250 g	92-009-923
brown SN-A	powder		250 g	92-006-446
brown SN-B	powder		250 g	92-006-445
brown SN-C	powder		250 g	92-006-444
brown SNC2	powder		250 g	92-007-546
brown SN-E	powder		250 g	92-006-441
brown SN-H	powder		250 g	92-005-939
brown UZ	powder		250 g	92-006-442
grey 50 (DD)	powder		200 g	92-005-892
grey F	powder		200 g	92-006-438
yellow	powder		250 g	92-006-440
pink	powder		100 g	92-005-951

TECHNICAL DATA

- Satisloh provides simple water repellent hydrophobic products up to latest super easy to clean oleophobic products.
- Materials available for application of top coatings in the AR chamber as well as application in a separate chamber

BENEFITS

- Evaporants for highest super top coat performance
- Easy to handle hydrophobic materials
- Easy to apply towelettes available
- Proven quality

RECOMMENDATIONS

- Keep dry, because materials are moisture sensitive
- Keep containers closed
- Keep SATIN products refrigerated (-15 to -20°C) for extended shelf life
- Consult your Satisloh sales person to find out which hydrophobic or oleophobic product best suits your needs
- Satisloh recommends Anti Slip Pad for finishing (see section finishing)

APPLICATIONS

- Top coats in high vacuum chambers integrated in AR process
- Top coats in separate chambers
- Wipe on for store applications

ORDERING INFORMATION

Hydrophobic materials

Product	Product Form	Packing	Unit	Order No.
Cleanvac	pills	bottle	100 pcs.	92-005-258
Hydrophobic tablets	pills	bottle	100 pcs.	92-007-316
Aulon	pills	bottle	100 pcs.	92-006-296
Top 8 pills	pills	bottle	5 pcs.	92-006-302
Hydrophobic towelette	towelette	individual packets	50 pcs.	92-005-276

Superhydrophobic and oleophobic materials

Product	Product Form	Packing	Unit	Order No.
Satin 220	pills	individual packets	10 pcs.	92-007-827
Satin 300	pills	individual packets	10 pcs.	92-007-141
Satin 380	pills	individual packets	10 pcs.	92-006-299
Mirage liquid 1 shot	ampoule	bottle	5 pcs.	92-006-710
Mirage liquid 5 shots	ampoule	bottle	5 pcs.	92-006-711
Mirage 380	pills	individual packets	10 pcs.	92-009-162

Others on request.



Provide highest top coat performance.

CRUCIBLE LINERS FOR ELECTRON BEAM EVAPORATION



Provide optimum coating results for all electron beam guns used in Satisloh and most other coating systems.

TECHNICAL DATA

- Liners are made of a special refractory material
- Specifically designed liners available for evaporating materials in pill form

BENEFITS

- Optimum results when utilizing Satisloh coating processes, machines and materials
- Proven quality
- Process guarantee with Satisloh processes
- Long lifetime

RECOMMENDATIONS

- Store in a dry place

APPLICATIONS

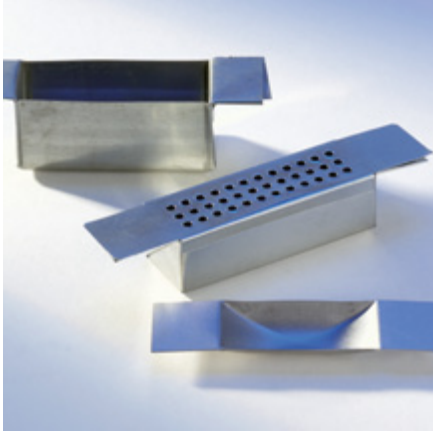
- For Satisloh coating processes using electron beam evaporation systems
- For customized coating processes using electron beam evaporation systems
- Applicable in most of the commercial electron beam evaporation systems

CRUCIBLE LINERS FOR ELECTRON BEAM EVAPORATION

ORDERING INFORMATION

Product	Dimension	Machine Type	Material	Unit	Order No.
liner vol. = 4 cc	30 x 15 mm	box coaters	granules	1 pc.	92-005-133
liner vol. = 18 cc	47 x 20 mm	box coaters	granules	1 pc.	92-005-339
liner vol. = 7 cc	48.5 x 23 mm	box coaters	granules	1 pc.	92-005-134
liner vol. = 10 cc	38 x 20 mm	box coaters	granules	1 pc.	92-005-135
liner	38.3 x 20 mm	box coaters		1 pc.	92-005-520
liner flat top	47 x 20 mm	box coaters		1 pc.	92-006-152
liner vol. = 7 cc	30 x 15 mm	box coaters	pills	1 pc.	92-005-136
liner vol. = 1.5 cc	47 x 20 mm	box coaters	pills	1 pc.	92-005-430
liner vol. = 1.4 cc	21 x 15 mm	box coaters	granules	1 pc.	92-005-138
liner CV	23 x 15 mm	box coaters	granules	10 pcs.	92-005-139
cover, CV	23 x 2 mm	box coaters	granules	10 pcs.	92-005-140
liner vol. = 4 cc	30 x 15 mm	box coaters	granules	1 pc.	92-005-142
liner	30 x 15 mm	box coaters		1 pc.	92-005-144
liner vol. = 27.8 cc	50 x 23 mm	box coaters	granules	1 pc.	92-005-146
liner vol. = 7 cc	47 x 20 mm	box coaters	S15G	1 pc.	92-006-146
liner vol. = 2.4 cc	39 x 28 mm	box coaters	granules	1 pc.	92-005-152
liner vol. = 7.7 cc	36 x 15 mm	box coaters	S15G	1 pc.	92-006-426
liner vol. = 10 cc	31 x 22.9 mm	box coaters	granules	1 pc.	92-006-141
liner vol. = 28.5cc	16 x 8 mm	box coaters	pills	1 pc.	92-005-585
liner	31 x 22.9 mm	box coaters		1 pc.	92-006-655
liner		box coaters	Satin & Aulon	1 pc.	92-007-628
liner		box coaters	top coats	10 pcs.	92-008-590
liner vol. = 2.6 cc	18 x 5 mm	MC 280 X	S11P	1 pc.	92-010-231
liner vol. = 4 cc	16 x 8 mm	MC 280 X	SA1G, SC1G	1 pc.	92-010-230
liner vol. = 1.6 cc	22.4 x 15 mm	MC 380 X	S11P	1 pc.	92-009-999
liner vol. = 2.4 cc	31 x 15 mm	MC 380 X	S3F, SA1G, SC1G	1 pc.	92-009-994
liner vol. = 1.8 cc	23 x 15 mm	MC 380 X	S15G	1 pc.	92-009-968
liner vol. = 6.5 cc	31 x 15 mm	MC 380 X	S3F	1 pc.	92-009-993
liner vol. = 1.8 cc	23 x 15 mm	MC 380 H	SA1G, S15G	1 pc.	92-005-143
liner vol. = 18.5 cc	38 x 28 mm	MC 380 H	3F	1 pc.	92-005-151
liner vol. = 9 cc	31 x 22.9 mm	MC 380 H	S3F	1 pc.	92-005-153
liner vol. = 2.4 cc	31 x 22.9 mm	MC 380 H	S3F, SC1G	1 pc.	92-005-154
liner vol.= 10cc	48 x 23.5 mm	MC 1200 DLX	S3F	1 pc.	92-005-148
liner vol. = 4 cc	30 x 15 mm	MC 1200 DLX	SA1G, SC1G	1 pc.	92-005-149
liner vol. = 7 cc	30 x 15 mm	MC 1200 DLX	S22P	1 pc.	92-005-150
liner vol. = 7.7 cc	38 x 18.5 mm	MC 1200 DLX	S15G	1 pc.	92-006-666
liner hydro		MC 1200 DLX	Satin	10 pcs.	92-009-399
cover hydro		MC 1200 DLX	Satin	10 pcs.	92-009-400

EVAPORATION BOATS FOR THERMAL SOURCES



High quality evaporation boats used for all thermal sources in Satisloh coaters and most other coaters.

TECHNICAL DATA

- Liners are made of special refractory metals

BENEFITS

- Optimized for Satisloh and other coating processes, machines and materials
- Proven quality
- Process guarantee with Satisloh processes
- Long lifetime

RECOMMENDATIONS

- Store in a dry place

APPLICATIONS

- For Satisloh coating processes with thermal evaporation
- For customized coating processes using thermal sources
- Applicable in most of the commercial thermal sources

MOLYBDENUM BOATS

Product	Machine Type	Material	Unit	Order No.
crucible EV.IN 1	bell coaters with EV.IN 1 system	color substances	50 pcs.	92-006-191
cover for boat, 3 holes	bell coaters	color substances	100 pcs.	92-006-284
boat no. 2	bell coaters	color substances	50 pcs.	92-006-289
boat no. 2D	bell coaters	color substances	50 pcs.	92-006-282
boat no. 3	bell coaters	color substances	50 pcs.	92-006-281
boat no. 5	bell coaters	color substances	50 pcs.	92-006-297
boat no. 6	bell coaters	color substances	50 pcs.	92-006-163
boat no. 6D	bell coaters	color substances	50 pcs.	92-005-129
boat no. 7	box coaters, 900, 1200 series	color substances	10 pcs.	92-006-298
boat no. 10	bell coaters	color substances	10 pcs.	92-006-159
boat CV	box coaters, 900, 1200 series	color substances	10 pcs.	92-006-295
boat no. 14	box coaters	color substances	10 pcs.	92-006-157

TANTALUM BOATS

Product	Machine Type	Material	Unit	Order No.
boat AR-4D	bell coaters	AR substances	10 pcs.	92-006-288
boat ARS	bell coaters	AR substances	10 pcs.	92-006-286
boat BCA	box coaters		20 pcs.	92-006-147

TUNGSTEN BOATS

Product	Machine Type	Material	Unit	Order No.
boat no. 8	thermal sources	HSAK	10 pcs.	92-006-287

FILAMENTS FOR ELECTRON BEAM AND ION SOURCES

BENEFITS

- Proven quality
- Process guarantee for Satisloh processes

RECOMMENDATIONS

- Store in a dry place

APPLICATIONS

- Electron beam guns, ion guns and EV.IN thermal sources for Satisloh coating systems
- Customized coating processes using thermal sources

ORDERING INFORMATION

Product	Specification	System	Unit	Order No.
filament	EV.IN.	EV.IN.	50 pcs.	92-006-192
filament S	ESV6	E.B.-Gun ESV6	10 pcs.	92-006-277
filament	Mark I	ion gun Mark I	10 pcs.	92-006-294
filament	Mark I+	ion gun Mark I+	10 pcs.	92-007-547
filament	Mark II	ion gun Mark II	10 pcs.	92-006-293
filament	Mark II+	ion gun Mark II+	10 pcs.	92-007-277
filaments + gauge	standard emitter	Temescal E.B.-Gun	5 pcs. + 1 pc.	92-005-229
filament TL	standard emitter	Temescal E.B.-Gun	5 pcs.	92-006-285
filament H.P.E.	high performance emitter	Temescal E.B.-Gun	5 pcs.	92-005-233



High quality filaments for electron beam guns and ion guns for Satisloh coaters and most other coaters.

CONSUMABLES FOR ION GUNS



Benefit by Satisloh's large variety of high quality standard and customized consumables for ion guns.

BENEFITS

- Proven quality
- Process guarantee for Satisloh processes

RECOMMENDATIONS

- Store in a dry place

APPLICATIONS

- For all processes using ion gun treatment

ORDERING INFORMATION

Product	Material	System	Unit	Order No.
anode	graphite	ion gun Mark I	1 pc.	92-005-222
anode	inox	ion gun Mark I	1 pc.	92-005-387
anode	inox	ion gun Mark I+	1 pc.	92-009-112
anode	inox	ion gun Mark II	1 pc.	92-006-016
anode	graphite	ion gun Mark II	1 pc.	92-006-014
anode	titanium	ion gun Mark II	1 pc.	92-009-319
anode	stainless steel	ion gun Mark II+	1 pc.	92-007-278
gas distributor	graphite	ion gun Mark I	1 pc.	92-006-019
gas distributor, special	graphite	ion gun Mark I	1 pc.	92-005-224
gas distributor, special	inox	ion gun Mark I	1 pc.	92-005-228
gas distributor	stainless steel	ion gun Mark I	1 pc.	92-005-223
gas distributor	inox	ion gun Mark II	1 pc.	92-006-017
gas distributor	graphite	ion gun Mark II	1 pc.	92-005-227
gas distributor	graphite	ion gun Mark I+	1 pc.	92-009-074
gas distributor	titanium	ion gun Mark II+	1 pc.	92-007-918
gas distributor	titanium	ion gun Mark II	1 pc.	92-006-013
gas distributor	stainless steel	ion gun Mark II+	1 pc.	92-007-291
gas distributor	graphite	ion gun Mark II+	1 pc.	92-007-292
gas distributor	inox	ion gun Mark II+	1 pc.	92-007-982
insulator	sapphire ball	ion gun Mark I	1 pc.	92-006-018
insulator	sapphire ball	ion gun Mark I+	1 pc.	92-007-855
insulator	ceramic	ion gun Mark I, Mark II	1 pc.	92-006-015
insulator	ceramic	ion gun Mark II+	1 pc.	92-007-726
thermal transfer plate		ion gun Mark II+	1 pc.	92-007-293

TECHNICAL DATA

- Monitor crystals in diameter 13.9 mm
- Available with gold, silver and alloy coating
- Usable in most available coating systems

BENEFITS

- Proven quality
- Provide high precision

RECOMMENDATIONS

- Store in a dry place

APPLICATIONS

- All AR processes
- All quartz monitors

ORDERING INFORMATION

Product	Nominal Frequency	Diameter	Unit	Order No.
gold, double anchor	6 MHz	13.9 mm	10 pcs.	92-006-283
gold, double anchor, IT	6 MHz	13.9 mm	10 pcs.	92-005-878
gold, single anchor	5 MHz	13.9 mm	10 pcs.	92-006-306
gold, double anchor	5.97 MHz	13.9 mm	10 pcs.	92-006-026
gold, double anchor	5.98 MHz	13.9 mm	10 pcs.	92-005-219
gold, double anchor, IT	5.98 MHz	13.9 mm	10 pcs.	92-005-881
silver, single anchor	5 MHz	13.9 mm	10 pcs.	92-006-027
gold, double anchor	5 MHz	13.9 mm	10 pcs.	92-005-872
alloy, double anchor, IT	5.98 MHz	13.9 mm	10 pcs.	92-007-504
alloy, double anchor, „S“	5.98 MHz	13.9 mm	10 pcs.	92-010-532
gold, double anchor, „S“	5.98 MHz	13.9 mm	10 pcs.	92-010-531



Used for high precision coating thickness control in hot and cold processes.

OIL AND GREASE



APPLICATIONS

Ensure performance of your coating system

ORDERING INFORMATION

Product	Specification	System	Unit	Order No.
grease	silicon grease		50 g	92-005-161
grease	Fomblin		100 g	92-006-252
oil for roots pump	P3	roots pumps	5 kg	92-006-116
oil for turbo pump	TL 011	turbo pumps	250 g	92-005-163
oil for rotary pump	ultragrade 19	rotary pumps	4 kg	92-005-167
oil for roots pump	ultragrade 20	roots pumps	4 kg	92-005-165
oil for rotary pump	ultragrade 70	rotary pumps	4 kg	92-006-113
high vacuum oil		diffusion pumps	1 kg	92-005-410
oil for turbo pump	SP-100/200	turbo pumps	1 pc.	92-005-391
fomblin oil	SP-100/200	roughing pumps	1 kg	92-007-810
HV Oil	SL275	diffusion pumps	8 kg	92-010-052
HV Oil	SL704	diffusion pumps	1 gallon	92-010-117

Satisloh oil and grease are the optimal choice to maintain the reliability of Satisloh equipment.

BENEFITS

- Optimized for Satisloh coating processes and machines
- Assure high proven quality and high performance for Satisloh sputtering processes
- High performance materials and design
- High purity and consistency
- Process guarantee with Satisloh sputtering processes
- Lowest pre-sputtering times
- Designed for extremely high current density

RECOMMENDATIONS

- Store in a dry place
- Always replace a target together with seals and contact foil

APPLICATIONS

Satisloh process families for sputter coaters and OBM line

- Easycote S organic
- Easycote S polycarbonate
- Mirror organic

ORDERING INFORMATION

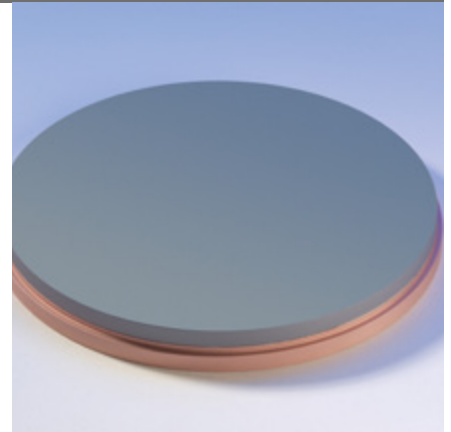
Product	Packing	Unit	Order No.
Satis Set Target (Si High Purity)		1 pc.	92-009-192
Set sputtering target Si high purity with contact foil and 2 gaskets		1 pc.	92-006-308
Foam with oil for turbo pump SP-100/ SP-200	set	1 pc.	92-005-391
Fomblin oil SP-100/SP-200 for roughing pumps	bottle	1 kg	92-007-810

hydrophobic materials for OBM-Line

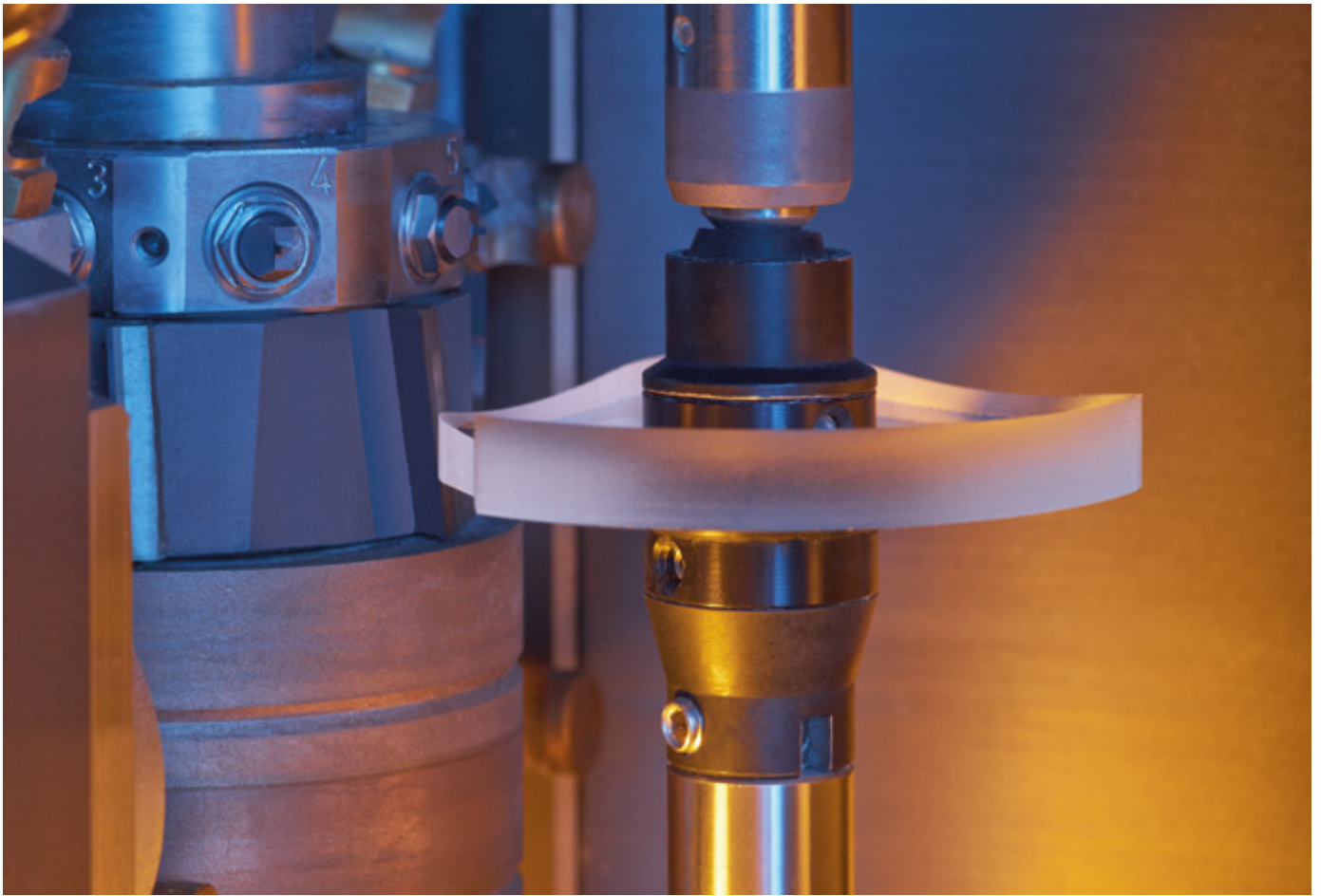
Product	Packing	Unit	Order No.
Aulon liquid	ampoule bottle	4 x 12.5ml	92-010-113

hydrophobic and oleophobic materials for OBM-Line

Product	Packing	Unit	Order No.
Satin liquid	ampoule bottle	10 ml	92-007-983
Mirage Prem. AR liquid	ampoule bottle	4 x 12.5ml	92-009-933



Ensure optimum performance for Satisloh sputtering processes.



FINISHING

With the real industrial edger ES, Satisloh offers a precise finishing machine for high volume. Take advantage of the complete finishing solution with consumables ensuring a perfect lens finishing.

Satisloh offers: finishing tools, finishing and anti slip pads, transparent lens edging pads, finishing blocks and job trays- also for other edger systems.

Please ask your local representative for further details.

BLOCKING CHUCK FOR FINISHING



BENEFITS

- Flexible adaptation to the outer radius
- Improved lens protection, eliminates possible surface damages during edging
- Various colors available

PACKING UNIT

		Order No.
ES blocking unit dia. 25 mm	1 pc.	92-003-938
ES blocking unit 20/25	1 pc.	92-003-939
ES-4 blocking unit 16/22	1 pc.	92-007-368
ES clamping ring rubber 16/22	1 pc.	92-007-714

Satisloh finishing blocks for lens edging - applicable on Satisloh industrial edgers and conventional edgers.

FINISHING PAD



Optimized for use with Satisloh industrial edgers but also compatible with other finishing systems.

TECHNICAL DATA

- Quantity: 2000/roll
- Storage: 10-26°C and a relative humidity of 40-60%
- Diameter: 21 mm (half eye) 26 mm (full eye)

BENEFITS

- Special design for use with Satisloh industrial edgers
- Compatible with all lens materials, including AR coatings
- Convenient half-eye size eliminates trimming
- Easy to remove from lenses
- Built-in dispenser

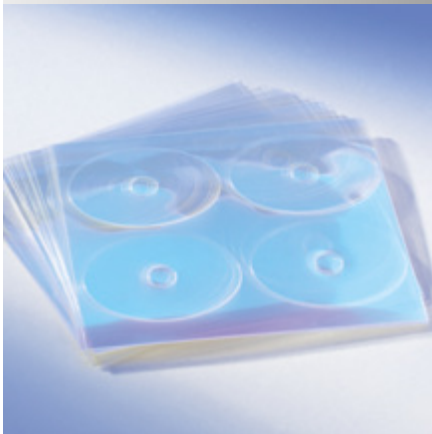
RECOMMENDATIONS

- Apply to clean, dry block
- Use immediately after removing from liner

PACKING UNIT

		Order No.
Half-eye	2000 pcs./roll	92-004-718
Full-eye	2000 pcs./roll	92-000-646
Oval pad Ø 30	2000 pcs./roll	92-005-721
ES lens edging pad 16.5/22.5	1000 pcs./roll	92-007-856
Round pad Ø 30	2000 pcs./roll	92-005-720

ANTI SLIP PAD



Provides high lens protection, no torsion, recommended for all super hydrophobic coatings.

BENEFITS

- High lens protection- avoids surface damages during edging process
- Improved adhesion- holds lenses safely and stable, eliminating lens torsion

RECOMMENDATIONS

- Especially used for all super hydrophobic lenses

PACKING UNIT

		Order No.
Anti slip pad high performance	500 pcs.	92-006-069
Anti slip pad standard	2000 pcs.	92-005-880
Anti slip pad 2/sheet	1000 pcs.	92-005-866

EDGING TOOLS ES-2 / ES-3 / ES-4/ ES-5



The combi tools provide all features of edging process in one tool: beveling, grinding, grooving, pre-polishing as well as fine-polishing. The tool is mounted and balanced very precisely in order to achieve the high speed cutting process.

TECHNICAL DATA

- Process all organic material like CR39, high index as well as polycarbonate
- The tool segments can be changed easily by the operator.
- The combi tool is equipped with: PCD cutting ring, sintered pre- and fine polishing tool, PCD beveling lathing tips, sintered beveling rings as well as the carbide tips for grooving.

BENEFITS

- Combine all process steps in one tool
- Provide long lifetimes

RECOMMENDATIONS

- As a separate tool we offer the drill which allows an in-chamber drilling.

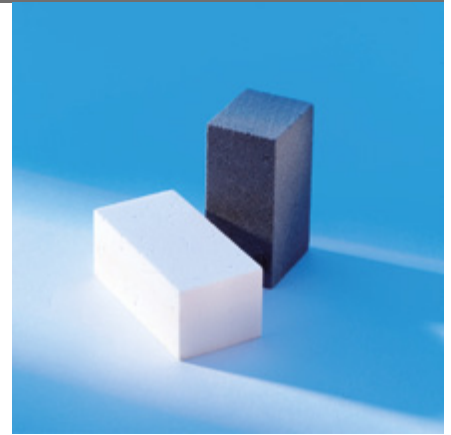
PACKING UNIT

		Order No.
ES-3/4/5 Tandem wheel (finishing / polishing) D36, C50/D7, C115°	1 pc.	92-008-570
ES-4 wheel 57x20 PCD/K20/6 teeth	1 pc.	92-007-753
ES wheel 60x20 PCD/K20/6 teeth	1 pc.	92-004-079
ES-3 grooving bit +6° 0.7 mm poly	1 pc.	92-005-111
ES-3 grooving bit -6° 0.7 mm CR39	1 pc.	92-005-112
ES-3 grooving bit -6° 1.2 mm CR39	1 pc.	92-005-113
ES-3 grooving bit +6° 1.2 mm poly	1 pc.	92-005-114
ES-3 grooving bit -6° 0.9 mm CR39	1 pc.	92-005-573
ES-3 grooving bit -6° 0.8 mm CR39	1 pc.	92-005-572
ES-3 grooving bit +6° 0.9 mm poly	1 pc.	92-005-577
ES-3 grooving bit -6° 1.0 mm CR39	1 pc.	92-005-574
ES-3 grooving bit +6° 0.8 mm poly	1 pc.	92-005-576
ES-3 grooving bit +6° 1.0 mm poly	1 pc.	92-005-578
ES-3 grooving bit +6° 1.1 mm poly	1 pc.	92-005-579
ES-3 pin bevel lathing bit PCD +6°	1 pc.	92-005-108
ES-4 pin bevel lathing tip CR39 for big tool hub	1 pc.	92-005-658
ES-4 pin bevel lathing tip poly for small tool hub	1 pc.	92-007-695
ES-4 pin bevel lathing tip CR39 for small tool hub	1 pc.	92-007-696
ES pin bevel wheel 60 x 3.2 30°/D36/C50	1 pc.	92-004-736
ES pin bevel wheel 60 x 6 30°/D36/C50	1 pc.	92-004-561
ES V-disc-couple D36, C50/D7, C100	1 pc.	92-004-560
ES V-disc-couple D36, C50/D7, C115 115°	1 pc.	92-005-531
ES V-disc-couple D36, D7	1 pc.	92-007-303
ES disc-couple plano D36, C50/D7,C100	1 pc.	92-004-826
Drill bit 0.8 x 6 mm	1 pc.	92-007-752

DRESSING STONES FOR DIAMOND TOOLS

PACKING UNIT

		Order No.
Re-truing stone ES II green 33x18x15 mm for dulling the polish disc	1 pc.	92-004-769
Re-truing stone ES II pink 31x18x15 mm for sharpening the polish disc	1 pc.	92-004-768
Re-truing stone ES II white 35x18x15 mm for sharpening the polish disc	1 pc.	92-004-767



For sharpening and adjusting diamond tools.

ANTI SLIP PAD

TECHNICAL DATA

- The Satisloh standard job tray is used for surface processing only.
- The combi tray can be used for booth processes, surfacing and finishing.
- Both types are available in different colors and have been designed for the Satisloh handling systems.

BENEFITS

- Due to a special locating device, the tray holds Satisloh blocking chucks, blocked lenses ready for the finishing process and lenses that have not been blocked yet.
- Also available is a plastic envelope to carry the job ticket.

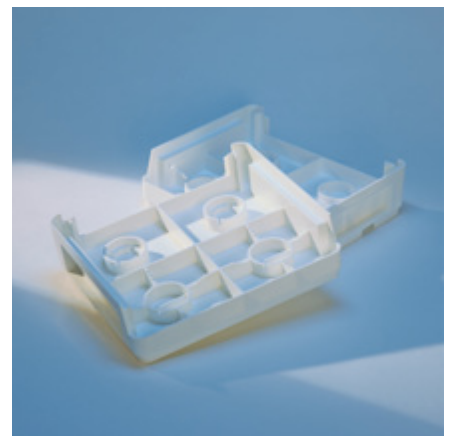
PACKING UNIT

		Order No.
Standard job tray grey/white RAL 9002	18 pcs. box	92-000-746
Standard job tray red RAL 3000	18 pcs. box	92-000-748
Standard job tray yellow RAL 1016	18 pcs. box	92-000-749
Combi job tray grey/white RAL 9002	18 pcs. box	92-003-836
Combi job tray red RAL 3000	18 pcs. box	92-003-837
Combi job tray grey/white RAL 9002 (SL Nidek)	18 pcs. box	92-004-948
Combi job tray green RAL 6024 (SL Nidek)	18 pcs. box	92-007-113
OPS job tray	18 pcs. box	92-010-310
OBM job tray	18 pcs. box	92-009-584
Plastic job ticket cover 220 mm x 135 mm	10 pcs.	92-000-763

Further job trays available on request



Satisloh job trays for surfacing and finishing processes (red: standard; white: combi).



Satisloh OBM/OPS job trays

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