



PROFESSIONAL BIOCOMPATIBLE THERMOPLASTIC RESIN & MILLING DISCS

PREMIUM ALTERNATIVE TO METAL
For Flexible Aesthetic Dentures
Crowns & Bridges



ABOUT PERFLEX

PERFLEX: INNOVATIVE DENTAL TECHNOLOGIES

EXPERIENCE

Perflex was founded in 2007 by Perla and Vidal Ben Simon after more than seventeen years of experience in dental manufacturing labs, which made it clear what materials and tools technicians and dentists were still noticeably lacking. By becoming the specialized experts in aesthetic dental thermoplastics, Perflex has grown from a small family lab to provide dentists and patients around the world with top-quality materials and new innovations.

INNOVATION

Perflex is a leading trailblazer in biocompatible thermoplastics, developing cutting-edge technologies to enhance convenience and patient comfort. Our company is pushing the limitations of dental materials and creates superior formulas for hypoallergenic, light weight and durable dental appliances, including fixed crowns, dentures, and implant restorations with fully natural appearances, no risk of sensitivity reactions and avoids the use of metal altogether.

TRUST

By taking full responsibility for both development and manufacturing, Perflex is able to assure the reliable high quality of their products. The company holds the highest manufacturing standards, meeting the requirements of ISO 13485:2016, ISO 9001:2015, EU's CE marking, and is FDA approved.

EDUCATION

The Perflex Dental Academy holds workshops, lectures and demonstrations in their own headquarters and around the world, in a variety of languages, to help professionals get all the information they need to make the most of cutting-edge thermoplastics. With their own highly experienced international trainers, Perflex leads the way in educating distributors on the advantages and uses of advanced thermoplastics and sophisticated processing techniques, at the Perflex training center and around the world.

PERSONAL TOUCH

All of Perflex's products are developed with the goal of creating materials that fit the lifestyle of the patients which are the end users. The Perflex team is involved in all stages of bringing the product to the patient, including providing distributors with personal support to create a mutually beneficial partnership.



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WHY THERMOPLASTICS

USING THERMOPLASTICS

The great strides that Perfex has made in dental thermoplastic technology provide dentists with the freedom to create biocompatible restorations. Besides being hypoallergenic and ideal for sensitive patients, Perfex thermoplastics are durable and repairable at any time, adding new teeth or clasps to existing dentures or to adapt the existing denture for a new implant. Repairs and relines are easy to make with the same thermoplastic and with conventional acrylics and composites.

Unlike traditional acrylics, injection molding machines are used to melt thermoplastics and inject them into the denture flask under high pressure and machines such as Perfex's Smart 101-500 and Perfex Manual Injector, enable dentists and technicians to do the process right in their own labs

IMPROVING PATIENT LIFESTYLE

Perfex thermoplastic compounds are completely biocompatible. With no chemical additives, thermoplastics are healthier for all patients and can particularly improve the quality of life for patients with acrylic sensitivities or tendencies toward allergic reactions.

THE ADVANTAGES OF METAL-FREE

By avoiding metal components in dental restorations, dentists and patients bypass a range of problems. Metals, like acrylics, can cause allergic reactions in some patients and for many others it simply has an unpleasant metallic taste. Most commonly, patients prefer that their dental appliances appear natural: A quality that only thermoplastics can provide.



PERFLEX THERMOPLASTICS

INNOVATIVE BIOCOMPATIBLE MATERIALS FOR THE HIGHEST QUALITY RESULTS

Perfex is constantly developing new formulas and processes to refine and improve their monomer-free, non-allergenic materials to meet market demand and to keep up with the latest technologies available, creating an adaptable portfolio of monomer-free resins in pellets, milling discs and machinery to meet all dental needs.

PERFLEX THERMOPLASTIC PRODUCTS

- Biosens** - Semi Rigid thermoplastic resin pellets for all denture types
- Biosens Cad** - Semi Rigid thermoplastic milling discs
- T-Crystal** - Semi-flexible thermoplastic resin pellets for all denture types
- Flexinylon** - Flexible thermoplastic resin pellets for partial dentures
- Acryfree** - Elastic and monomer-free acrylic for all denture types
- Perfex Pure Permanent** - Thermoplastic resin pellets for crowns, bridges & implant over dentures
- Petflex Pure Permanent** - Milling Discs
- Acetal** - Tooth colored thermoplastic resin pellets for temporary crowns and frameworks
- Acetal Cad** - Acetal Milling Discs
- Thermofix** - Polymer pellets that softens in hot water for bite registrations, individual trays and night guards
- Easy Clasp** - pre-made thermoforming clasps

PERFLEX MACHINES

- Smart 101-500** - Perfex's automatic injection molding machine
- Perfex Manual** - Injection molding machine



BIOSENS

SEMI-RIGID THERMOPLASTIC RESIN

INDICATIONS: full, partial and implant supported dentures, splints, clasps and frameworks.

Biosens is a hypoallergenic thermoplastic, offering all the advantages of acrylic, with none of the drawbacks. Its rigidity allows for thin, precise and comfortable results, while its low weight, perfect elasticity and 0% shrinkage during processing, make it fit correctly immediately after inserting dentures. Over time, this material remains virtually unbreakable and can easily be repaired and relined chairside using conventional acrylics.



BENEFITS:

- * Rigid, for comfort and rapid adaptation
- * Less bone resorption
- * Stress resistant and virtually unbreakable
- * No metal clasps or frames
- * Cervical clasps for gum health and comfort
- * Thin, smooth and invisible
- * Rapid adaptation
- * No change in color over time
- * Non-absorbent
- * High level polish and shine
- * Glossy texture prevents bacteria and mineral buildup
- * Flexible clasps for added strength
- * Easy to polish and repair
- * Repair using fuse method by injection molding
- * Repairable and relinable with hot or cold conventional acrylics and composites
- * Chairside relining or rebasing
- * Available in aluminum cartridges small, medium, large, and extra-large 25mm, medium and large 22mm, medium and large 28mm Or in Bulk 200g, or 1kg jar
- * Cartridges are individually vacuum sealed in aluminum bags
- * Choice of Clear - Transparent, Light Pink, Light Pink Clear, Standard Pink, Standard Pink Clear, Opaque Pink, Purple pink & Purple Light Pink

BULK	CAT NO.	MATERIAL	COLOR	UNIT	PACKING
	411001	Biosens	Light Pink	1 kg	Jar
	411002	Biosens	Light Pink	200g	Jar + Box
	411003	Biosens	Standard Pink	1 kg	Jar
	411004	Biosens	Standard Pink	200g	Jar + Box
	411005	Biosens	Clear	1 kg	Jar
	411006	Biosens	Clear	200g	Jar + Box
	411007	Biosens	Purple Pink (Dark Mahari)	1 kg	Jar
	411008	Biosens	Purple Pink (Dark Mahari)	200g	Jar + Box
	411009	Biosens	Opaque Pink	1 kg	Jar
	411010	Biosens	Opaque Pink	200g	Jar + Box
	411011	Biosens	Light Pink Clear	1 kg	Jar
	411012	Biosens	Light Pink Clear	200g	Jar + Box
	411013	Biosens	Standard Pink Clear	1 kg	Jar
	411014	Biosens	Standard Pink Clear	200g	Jar + Box
	411015	Biosens	Light Dark Mahari	1 kg	Jar
	411016	Biosens	Light Dark Mahari	200g	Jar + Box



CARTRIDGES / AL.TUBE	CAT NO.	MATERIAL	COLOR	DIAMETER	LENGHT	UNIT	PACKING
	4112501	Biosens XL	Light Pink	25 mm	107 mm	6	Box
	4112502	Biosens L	Light Pink	25 mm	98 mm	6	Box
	4112503	Biosens M	Light Pink	25 mm	73 mm	6	Box
	4112504	Biosens XL	Standard Pink	25 mm	107 mm	6	Box
	4112505	Biosens L	Standard Pink	25 mm	98 mm	6	Box
	4112506	Biosens M	Standard Pink	25 mm	73 mm	6	Box
	4112507	Biosens XL	Clear	25 mm	107 mm	6	Box
	4112508	Biosens L	Clear	25 mm	98 mm	6	Box
	4112509	Biosens M	Clear	25 mm	73 mm	6	Box
	4112510	Biosens XL	Purple Pink (Dark Mahari)	25 mm	107 mm	6	Box
	4112511	Biosens L	Purple Pink (Dark Mahari)	25 mm	98 mm	6	Box
	4112512	Biosens M	Purple Pink (Dark Mahari)	25 mm	73 mm	6	Box
	4112513	Biosens XL	Opaque Pink	25 mm	107 mm	6	Box
	4112514	Biosens L	Opaque Pink	25 mm	98 mm	6	Box
	4112515	Biosens M	Opaque Pink	25 mm	73 mm	6	Box
	4112516	Biosens XL	Light Pink Clear	25 mm	107 mm	6	Box
	4112517	Biosens L	Light Pink Clear	25 mm	98 mm	6	Box
	4112518	Biosens M	Light Pink Clear	25 mm	73 mm	6	Box
	4112519	Biosens XL	Standard Pink Clear	25 mm	107 mm	6	Box
	4112520	Biosens L	Standard Pink Clear	25 mm	98 mm	6	Box
	4112521	Biosens M	Standard Pink Clear	25 mm	73 mm	6	Box
	4112522	Biosens S	Light Pink	25 mm	42 mm	6	Box
	4112523	Biosens S	Standard Pink	25 mm	42 mm	6	Box
	4112524	Biosens S	Clear	25 mm	42 mm	6	Box
	4112525	Biosens S	Purple Pink (Dark Mahari)	25 mm	42 mm	6	Box
	4112526	Biosens S	Opaque Pink	25 mm	42mm	6	Box
	4112527	Biosens S	Light Pink Clear	25 mm	42mm	6	Box
	4112528	Biosens S	Standard Pink Clear	25 mm	42mm	6	Box
	4112529	Biosens S	Light Dark Mahari	25 mm	42mm	6	Box
	4112530	Biosens M	Light Dark Mahari	25 mm	73 mm	6	Box
	4112531	Biosens L	Light Dark Mahari	25 mm	98 mm	6	Box
	4112532	Biosens XL	Light Dark Mahari	25 mm	107 mm	6	Box
	4112801	Biosens L	Light Pink	28 mm	84 mm	6	Box
	4112802	Biosens M	Light Pink	28 mm	60 mm	6	Box
	4112803	Biosens L	Standard Pink	28 mm	84 mm	6	Box
	4112804	Biosens M	Standard Pink	28 mm	60 mm	6	Box
	4112805	Biosens L	Clear	28 mm	84 mm	6	Box
	4112806	Biosens M	Clear	28 mm	60 mm	6	Box
	4112807	Biosens L	Purple Pink (Dark Mahari)	28 mm	84 mm	6	Box
	4112808	Biosens M	Purple Pink (Dark Mahari)	28 mm	60 mm	6	Box
	4112809	Biosens L	Opaque Pink	28 mm	84 mm	6	Box
	4112810	Biosens M	Opaque Pink	28 mm	60 mm	6	Box
	4112811	Biosens L	Light Pink Clear	28 mm	84 mm	6	Box
	4112812	Biosens M	Light Pink Clear	28 mm	60 mm	6	Box
	4112813	Biosens L	Standard Pink Clear	28 mm	84 mm	6	Box
	4112814	Biosens M	Standard Pink Clear	28 mm	60 mm	6	Box
	4112815	Biosens L	Light Dark Mahari	28 mm	84 mm	6	Box
	4112816	Biosens M	Light Dark Mahari	28 mm	60 mm	6	Box
	4112201	Biosens L	Light Pink	22 mm	117 mm	6	Box
	4112202	Biosens M	Light Pink	22 mm	82 mm	6	Box
	4112203	Biosens L	Standard Pink	22 mm	117 mm	6	Box
	4112204	Biosens M	Standard Pink	22 mm	82 mm	6	Box
	4112205	Biosens L	Clear	22 mm	117 mm	6	Box
	4112206	Biosens M	Clear	22 mm	82 mm	6	Box
	4112207	Biosens L	Purple Pink (Dark Mahari)	22 mm	117 mm	6	Box
	4112208	Biosens M	Purple Pink (Dark Mahari)	22 mm	82 mm	6	Box
	4112209	Biosens L	Opaque Pink	22 mm	117 mm	6	Box
	4112210	Biosens M	Opaque Pink	22 mm	82 mm	6	Box
	4112211	Biosens L	Light Pink Clear	22 mm	117 mm	6	Box
	4112212	Biosens M	Light Pink Clear	22 mm	82 mm	6	Box
	4112213	Biosens L	Standard Pink Clear	22 mm	117 mm	6	Box
	4112214	Biosens M	Standard Pink Clear	22 mm	82 mm	6	Box
	4112215	Biosens L	Light Dark Mahari	22 mm	117 mm	6	Box
	4112216	Biosens M	Light Dark Mahari	22 mm	82 mm	6	Box

NET WEIGHT OF FILLED CARTRIDGES:

22mm diam M = 18g L = 27g * 25mm diam S = 10g M = 18g L = 28g XL = 31g * 28mm diam M = 19g L = 31g



BIOSENS CAD

PREMIUM ALTERNATIVE TO METAL

Biosens is an aesthetically superior semi-flexible removable partial denture, which blends perfectly with the patient's gums, providing better function, aesthetics, comfort and durability.

INDICATIONS: Invisible clear-transparent frameworks
Full, partial and implant supported dentures, night guards, clasps and other dental appliances processed by CAD/CAM milling machines for light weight, aesthetic non-metallic restorations.

BENEFITS:

- * Through CAD/CAM production, Biosens Cad dentures eliminates the wax-up stage, investing, casting and finishing
- * The process is fast, clean, precise and cost-effective
- * After the milling process, the denture comes out nearly finished, final polishing is easy with minimal effort
- * Biosens Cad when used for any type of denture, eliminates the need of metal reinforcements and metal clasps, improving aesthetics and patient comfort, avoiding the aesthetic compromise of metal clasp, which is replaced with a transparent translucent clasp

Biosens Cad dentures and appliances can be relined or repaired in the lab or chair-side, with ANY conventional acrylics, and composites. A new clasp or tooth can be added with Biosens resin material to the existing denture using most of injection machines.

Discs Shades Available in transparent-clear & pink.



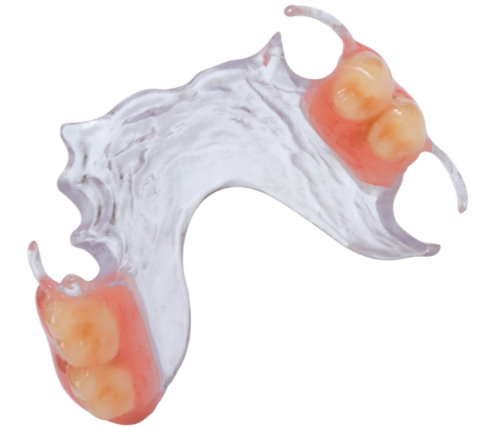
- * Clasps are flexible and tooth bearing
- * Occlusal rests stops setting in order to reduce sore spots with less adjusting, grater functionality and excellent retention
- * Comfortable immediate adaptation by the patient
- * Virtually unbreakable
- * Biocompatible and non-allergenic
- * Light weight, durable and precise

Disc dimensions: 98.5 – 16 98.5 - 20mm 98.5 - 24 with step and no\step.

For repairs by injection molding: Aluminum cartridges available in small, medium, large and extra-large tubes, 22mm,25mm 28mm or in bulk jars of 200g and 1kg.

DISCS	CAT NO.	MATERIAL	COLOR	DIAMETER	THICKNESS
	4119816	Biosens	Clear	98.5mm	16mm
	4119820	Biosens	Clear	98.5mm	20mm
	4119824	Biosens	Clear	98.5mm	24mm
	4129816	Biosens	Pink	98.5mm	16mm
	4129820	Biosens	Pink	98.5mm	20mm
	4129824	Biosens	Pink	98.5mm	24mm

BIOSENS CAD - MILLING DISCS



T-CRYSTAL

SEMI-FLEXIBLE THERMOPLASTIC RESIN

INDICATIONS: full, partial, and implant supported dentures and splints.

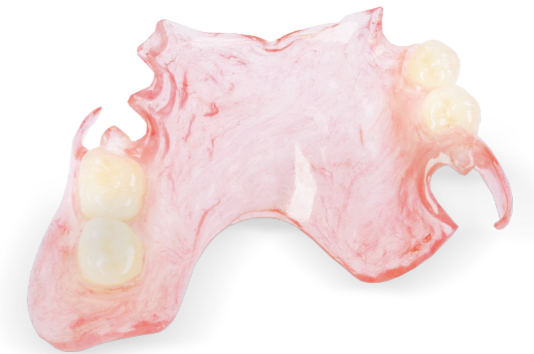
T-Crystal is Perfex's semi-flexible adaptable thermoplastic that allows for repairs and relining right in the dental office using conventional acrylics and composites, or in the lab using primer fuse techniques.

T-Crystal is very similar to Biosens, with a higher degree of flexibility, with lower melting temperature and different color shades variety.



BENEFITS:

- * Semi-flexible compound with low melting temperature
- * Virtually Unbreakable
- * Metal-free restorations
- * Clasps attach over teeth to avoid gum injury
- * Rapid adaptation
- * Texture mimics palatal rugae effect
- * Thin and invisible
- * Repairable and relinable at the lab or chairside
- * Easy to finish and polish
- * Available in aluminum cartridges small, medium, large, and extra-large 25mm, medium and large 22mm, medium and large 28mm
- * Or in Bulk 200g, or 1kg jar
- * Cartridges are individually vacuum sealed in aluminum bags
- * Choice of Clear - Translucent, Light Pink, Standard Pink, Opaque Pink and Purple Pink



BULK	CAT NO.	MATERIAL	COLOR	UNIT	PACKING
	11001	T-Crystal	Light Pink	1 kg	Jar
	11002	T-Crystal	Light Pink	200g	Jar + Box
	11003	T-Crystal	Standard Pink	1 kg	Jar
	11004	T-Crystal	Standard Pink	200g	Jar + Box
	11005	T-Crystal	Clear	1 kg	Jar
	11006	T-Crystal	Clear	200g	Jar + Box
	11007	T-Crystal	Purple Pink (Dark Mahari)	1 kg	Jar
	11008	T-Crystal	Purple Pink (Dark Mahari)	200g	Jar + Box
	11009	T-Crystal	Opaque Pink	1 kg	Jar
11010	T-Crystal	Opaque Pink	200g	Jar + Box	

CARTRIDGES / AL.TUBE	CAT NO.	MATERIAL	COLOR	DIAMETER	LENGHT	UNIT	PACKING
	112501	T-Crystal XL	Light Pink	25 mm	107 mm	6	Box
	112502	T-Crystal L	Light Pink	25 mm	98 mm	6	Box
	112503	T-Crystal M	Light Pink	25 mm	73 mm	6	Box
	112504	T-Crystal XL	Standard Pink	25 mm	107 mm	6	Box
	112505	T-Crystal L	Standard Pink	25 mm	98 mm	6	Box
	112506	T-Crystal M	Standard Pink	25 mm	73 mm	6	Box
	112507	T-Crystal XL	Clear	25 mm	107 mm	6	Box
	112508	T-Crystal L	Clear	25 mm	98 mm	6	Box
	112509	T-Crystal M	Clear	25 mm	73 mm	6	Box
	112510	T-Crystal XL	Purple Pink (Dark Mahari)	25 mm	107 mm	6	Box
	112511	T-Crystal L	Purple Pink (Dark Mahari)	25 mm	98 mm	6	Box
	112512	T-Crystal M	Purple Pink (Dark Mahari)	25 mm	73 mm	6	Box
	112513	T-Crystal XL	Opaque Pink	25 mm	107 mm	6	Box
	112514	T-Crystal L	Opaque Pink	25 mm	98 mm	6	Box
	112515	T-Crystal M	Opaque Pink	25 mm	73 mm	6	Box
	112516	T-Crystal S	Light Pink	25 mm	42 mm	6	Box
	112517	T-Crystal S	Standard Pink	25 mm	42 mm	6	Box
	112518	T-Crystal S	Clear	25 mm	42 mm	6	Box
	112519	T-Crystal S	Purple Pink (Dark Mahari)	25 mm	42 mm	6	Box
112520	T-Crystal S	Opaque Pink	25 mm	42 mm	6	Box	
112801	T-Crystal L	Light Pink	28 mm	84 mm	6	Box	
112802	T-Crystal M	Light Pink	28 mm	60 mm	6	Box	
112803	T-Crystal L	Standard Pink	28 mm	84 mm	6	Box	
112804	T-Crystal M	Standard Pink	28 mm	60 mm	6	Box	
112805	T-Crystal L	Clear	28 mm	84 mm	6	Box	
112806	T-Crystal M	Clear	28 mm	60 mm	6	Box	
112807	T-Crystal L	Purple Pink (Dark Mahari)	28 mm	84 mm	6	Box	
112808	T-Crystal M	Purple Pink (Dark Mahari)	28 mm	60 mm	6	Box	
112809	T-Crystal L	Opaque Pink	28 mm	84 mm	6	Box	
112810	T-Crystal M	Opaque Pink	28 mm	60 mm	6	Box	
112201	T-Crystal L	Light Pink	22 mm	117 mm	6	Box	
112202	T-Crystal M	Light Pink	22 mm	82 mm	6	Box	
112203	T-Crystal L	Standard Pink	22 mm	117 mm	6	Box	
112204	T-Crystal M	Standard Pink	22 mm	82 mm	6	Box	
112205	T-Crystal L	Clear	22 mm	117 mm	6	Box	
112206	T-Crystal M	Clear	22 mm	82 mm	6	Box	
112207	T-Crystal L	Purple Pink (Dark Mahari)	22 mm	117 mm	6	Box	
112208	T-Crystal M	Purple Pink (Dark Mahari)	22 mm	82 mm	6	Box	
112209	T-Crystal L	Opaque Pink	22 mm	117 mm	6	Box	
112210	T-Crystal M	Opaque Pink	22 mm	82 mm	6	Box	

NET WEIGHT OF FILLED CARTRIDGES:

22mm diam M = 18g L = 27g * 25mm diam S = 10g M = 18g L = 28g XL = 31g * 28mm diam M = 19g L = 31g

FLEXINYLON

FLEXIBLE THERMOPLASTIC RESIN

INDICATIONS: partial dentures.

Flexinylon creates unbreakable partial dentures while the flexibility of the appliance, including its clasps, results in maximum retention.

BENEFITS:

- * Thin and light-weight, high durability
- * Easy to polish and add teeth or rebase existing partial dentures using the liquid fuse technique
- * Hypoallergenic and appropriate even for patients with acrylic sensitivity
- * Translucent, helping to create a natural appearance
- * Perfect feet - very stable
- * Available in aluminum cartridges small, medium, large, and extra-large 25mm, medium and large 22mm, medium and large 28mm. Or in Bulk 200g, or 1kg jar
- * Cartridges are individually vacuum sealed in aluminum bags
- * Choice of Natural - Transparent, Light Pink, Standard Pink, Opaque Pink & Purple Pink



BULK	CAT NO.	MATERIAL	COLOR	UNIT	PACKING
	22001	Flexi Nylon	Light Pink	1 kg	Jar
	22002	Flexi Nylon	Light Pink	200g	Jar + Box
	22003	Flexi Nylon	Standard Pink	1 kg	Jar
	22004	Flexi Nylon	Standard Pink	200g	Jar + Box
	22005	Flexi Nylon	Natural	1 kg	Jar
	22006	Flexi Nylon	Natural	200g	Jar + Box
	22007	Flexi Nylon	Purple Pink (Dark Mahari)	1kg	Jar
	22008	Flexi Nylon	Purple Pink (Dark Mahari)	200g	Jar + Box
	22009	Flexi Nylon	Light Red	1kg	Jar
22010	Flexi Nylon	Light Red	200g	Jar + Box	

CARTRIDGES / AL. TUBE	CAT NO.	MATERIAL	COLOR	DIAMETER	LENGHT	UNIT	PACKING	
	222501	Flexi Nylon XL	Light Pink	25 mm	107 mm	6	Box	
	222502	Flexi Nylon L	Light Pink	25 mm	98 mm	6	Box	
	222503	Flexi Nylon M	Light Pink	25 mm	73 mm	6	Box	
	222504	Flexi Nylon XL	Standard Pink	25 mm	107 mm	6	Box	
	222505	Flexi Nylon L	Standard Pink	25 mm	98 mm	6	Box	
	222506	Flexi Nylon M	Standard Pink	25 mm	73 mm	6	Box	
	222507	Flexi Nylon XL	Natural	25 mm	107 mm	6	Box	
	222508	Flexi Nylon L	Natural	25 mm	98 mm	6	Box	
	222509	Flexi Nylon M	Natural	25 mm	73 mm	6	Box	
	222510	Flexi Nylon XL	Purple Pink (Dark Mahari)	25 mm	107 mm	6	Box	
	222511	Flexi Nylon L	Purple Pink (Dark Mahari)	25 mm	98 mm	6	Box	
	222512	Flexi Nylon M	Purple Pink (Dark Mahari)	25 mm	73 mm	6	Box	
	222513	Flexi Nylon S	Light Pink	25 mm	42 mm	6	Box	
	222514	Flexi Nylon S	Standard Pink	25 mm	42 mm	6	Box	
	222515	Flexi Nylon S	Natural	25 mm	42 mm	6	Box	
	222516	Flexi Nylon S	Purple Pink (Dark Mahari)	25 mm	42 mm	6	Box	
	222517	Flexi Nylon XL	Light Red	25 mm	107 mm	6	Box	
	222518	Flexi Nylon L	Light Red	25 mm	98 mm	6	Box	
	222519	Flexi Nylon M	Light Red	25 mm	73 mm	6	Box	
	222520	Flexi Nylon S	Light Red	25 mm	107 mm	6	Box	
	222801	Flexi Nylon L	Light Pink	28 mm	84 mm	6	Box	
	222802	Flexi Nylon M	Light Pink	28 mm	60 mm	6	Box	
	222803	Flexi Nylon L	Standard Pink	28 mm	84 mm	6	Box	
	222804	Flexi Nylon M	Standard Pink	28 mm	60 mm	6	Box	
	222805	Flexi Nylon L	Natural	28 mm	84 mm	6	Box	
222806	Flexi Nylon M	Natural	28 mm	60 mm	6	Box		
222807	Flexi Nylon L	Purple Pink (Dark Mahari)	28 mm	84 mm	6	Box		
222808	Flexi Nylon M	Purple Pink (Dark Mahari)	28 mm	60 mm	6	Box		
222809	Flexi Nylon L	Light Red	28 mm	84 mm	6	Box		
222810	Flexi Nylon M	Light Red	28 mm	60 mm	6	Box		
222201	Flexi Nylon L	Light Pink	22 mm	117 mm	6	Box		
222202	Flexi Nylon M	Light Pink	22 mm	82 mm	6	Box		
222203	Flexi Nylon L	Standard Pink	22 mm	117 mm	6	Box		
222204	Flexi Nylon M	Standard Pink	22 mm	82 mm	6	Box		
222205	Flexi Nylon L	Natural	22 mm	117 mm	6	Box		
222206	Flexi Nylon M	Natural	22 mm	82 mm	6	Box		
222207	Flexi Nylon L	Purple Pink (Dark Mahari)	22 mm	117 mm	6	Box		
222208	Flexi Nylon M	Purple Pink (Dark Mahari)	22 mm	82 mm	6	Box		
222209	Flexi Nylon L	Light Red	22 mm	117 mm	6	Box		
222210	Flexi Nylon M	Light Red	22 mm	82 mm	6	Box		

NET WEIGHT OF FILLED CARTRIDGES:

22mm diam M = 18g L = 27g * 25mm diam S = 10g M = 18g L = 28g XL = 31g * 28mm diam M = 19g L = 31g

ELASTIC PMMA: FLEXIBLE AND FULLY REPAIRABLE THERMOPLASTIC ACRYLIC DENTURE BASE MATERIAL

INDICATIONS: metal-free full and partial dentures, flippers.

This acrylic resin is hypoallergenic, making it the perfect choice for sensitive patients or for those looking to avoid potential sensitivities. It can easily be repaired by injection molding with the same material, or with hard, soft, hot or cold acrylics.



Acryfree, T-Crystal & Biosens
Can all chemically bond with
Conventional acrylics

BENEFITS:

- * Ten times more breakage-resistance than conventional acrylics
- * Translucent, for the most natural appearance
- * Precise results in restorations through injection molding
- * Can be repaired with the same material or with hard, soft, hot or cold acrylics
- * Can be relined in dental office with temporary soft liners
- * Easy and fast polish with same products as for conventional acrylics
- * Polished surface helps prevent calculus and bacteria build-up
- * Can be used with porcelain prosthetic teeth.
- * Thin, for added comfort

- * Repairs can be done fast and easy using Perflex Easy clasp – pre-made clasps to repair or add a new clasp to the existing denture.

Available in aluminum cartridges small, medium, large, and extra-large 25mm, medium and large 22mm, medium and large 28mm.
Or in Bulk 200g, or 1kg jar

- * Cartridges are individually vacuum sealed in aluminum bags
- * Choice of Clear - Transparent, Light Pink, Standard Pink, Opaque Pink, Opaque Light Pink, Light Purple Pink, Opaque Pink N-5, Purple Pink & Purple Pink Light Dark



BULK	CAT NO.	MATERIAL	COLOR	UNIT	PACKING
	33001	Acry Free	Light Pink	1 kg	Jar
	33002	Acry Free	Light Pink	200g	Jar + Box
	33003	Acry Free	Standard Pink	1kg	Jar
	33004	Acry Free	Standard Pink	200g	Jar + Box
	33005	Acry Free	Clear	1kg	Jar
	33006	Acry Free	Clear	200g	Jar + Box
	33007	Acry Free	Purple Pink (Dark Mahari)	1kg	Jar
	33008	Acry Free	Purple Pink (Dark Mahari)	200g	Jar + Box
	33009	Acry Free	Opaque Pink	1kg	Jar
	33010	Acry Free	Opaque Pink	200g	Jar + Box
	33011	Acry Free	Opaque Light Pink	1kg	Jar
	33012	Acry Free	Opaque Light Pink	200g	Jar + Box
	33013	Acry Free	Opaque Pink "N5"	1kg	Jar
	33014	Acry Free	Opaque Pink "N5"	200g	Jar + Box
	33015	Acry Free	Light Dark Mahari	1kg	Jar
	33016	Acry Free	Light Dark Mahari	200g	Jar + Box

CARTRIDGES / AL.TUBE	CAT NO.	MATERIAL	COLOR	DIAMETER	LENGHT	UNIT	PACKING
	332501	Acry Free XL	Light Pink	25 mm	107 mm	6	Box
	332502	Acry Free L	Light Pink	25 mm	98 mm	6	Box
	332503	Acry Free XL	Standard Pink	25 mm	107 mm	6	Box
	332504	Acry Free L	Standard Pink	25 mm	98 mm	6	Box
	332505	Acry Free XL	Purple Pink (Dark Mahari)	25 mm	107 mm	6	Box
	332506	Acry Free L	Purple Pink (Dark Mahari)	25 mm	98 mm	6	Box
	332507	Acry Free XL	Opaque Pink	25 mm	107 mm	6	Box
	332508	Acry Free L	Opaque Pink	25 mm	98 mm	6	Box
	332509	Acry Free M	Light Pink	25 mm	73 mm	6	Box
	332510	Acry Free M	Standard Pink	25 mm	73 mm	6	Box
	332511	Acry Free M	Purple Pink (Dark Mahari)	25 mm	73 mm	6	Box
	332512	Acry Free M	Opaque Pink	25 mm	73 mm	6	Box
	332513	Acry Free XL	Opaque Light Pink	25 mm	107 mm	6	Box
	332514	Acry Free L	Opaque Light Pink	25 mm	98 mm	6	Box
	332515	Acry Free M	Opaque Light Pink	25 mm	73 mm	6	Box
	332516	Acry Free XL	Clear	25 mm	107 mm	6	Box
	332517	Acry Free L	Clear	25 mm	98 mm	6	Box
	332518	Acry Free M	Clear	25 mm	73 mm	6	Box
	332519	Acry Free XL	Opaque Pink "N5"	25 mm	107 mm	6	Box
	332520	Acry Free L	Opaque Pink "N5"	25 mm	98 mm	6	Box
	332521	Acry Free M	Opaque Pink "N5"	25 mm	73 mm	6	Box
	332522	Acry Free XL	Light Dark Mahari	25 mm	107 mm	6	Box
	332523	Acry Free L	Light Dark Mahari	25 mm	98 mm	6	Box
	332524	Acry Free M	Light Dark Mahari	25 mm	73 mm	6	Box
	332525	Acry Free S	Light Pink	25 mm	42mm	6	Box
	332526	Acry Free S	Standard Pink	25 mm	42mm	6	Box
	332527	Acry Free S	Purple Pink (Dark Mahari)	25 mm	42mm	6	Box
	332528	Acry Free S	Opaque Pink	25 mm	42mm	6	Box
	332529	Acry Free S	Opaque Light Pink	25 mm	42mm	6	Box
	332530	Acry Free S	Clear	25 mm	42mm	6	Box
	332531	Acry Free S	Opaque Pink "N5"	25 mm	42mm	6	Box
	332532	Acry Free S	Light Dark Mahari	25 mm	42mm	6	Box
	332801	Acry Free L	Light Pink	28 mm	84 mm	6	Box
	332802	Acry Free M	Light Pink	28 mm	60 mm	6	Box
	332803	Acry Free L	Standard Pink	28 mm	84 mm	6	Box
	332804	Acry Free M	Standard Pink	28 mm	60 mm	6	Box
	332805	Acry Free L	Purple Pink (Dark Mahari)	28 mm	84 mm	6	Box
	332806	Acry Free M	Purple Pink (Dark Mahari)	28 mm	60 mm	6	Box
	332807	Acry Free L	Opaque Pink	28 mm	84 mm	6	Box
	332808	Acry Free M	Opaque Pink	28 mm	60 mm	6	Box
	332809	Acry Free L	Clear	28 mm	84 mm	6	Box
	332810	Acry Free M	Clear	28 mm	60 mm	6	Box
	332811	Acry Free L	Opaque Light Pink	28 mm	84 mm	6	Box
	332812	Acry Free M	Opaque Light Pink	28 mm	60 mm	6	Box
	332813	Acry Free L	Opaque Pink "N5"	28 mm	84 mm	6	Box
	332814	Acry Free M	Opaque Pink "N5"	28 mm	60 mm	6	Box
	332815	Acry Free L	Light Dark Mahari	28 mm	84 mm	6	Box
	332816	Acry Free M	Light Dark Mahari	28 mm	60 mm	6	Box
	332201	Acry Free L	Light Pink	22 mm	117 mm	6	Box
	332202	Acry Free M	Light Pink	22 mm	82 mm	6	Box
	332203	Acry Free L	Standard Pink	22 mm	117 mm	6	Box
	332204	Acry Free M	Standard Pink	22 mm	82 mm	6	Box
	332205	Acry Free L	Purple Pink (Dark Mahari)	22 mm	117 mm	6	Box
	332206	Acry Free M	Purple Pink (Dark Mahari)	22 mm	82 mm	6	Box
	332207	Acry Free L	Opaque Pink	22 mm	117 mm	6	Box
	332208	Acry Free M	Opaque Pink	22 mm	82 mm	6	Box
	332209	Acry Free L	Clear	22 mm	117 mm	6	Box
	332210	Acry Free M	Clear	22 mm	82 mm	6	Box
	332211	Acry Free L	Opaque Light Pink	22 mm	117 mm	6	Box
	332212	Acry Free M	Opaque Light Pink	22 mm	82 mm	6	Box
	332213	Acry Free L	Opaque Pink "N5"	22 mm	117 mm	6	Box
	332214	Acry Free M	Opaque Pink "N5"	22 mm	82 mm	6	Box
	332215	Acry Free L	Light Dark Mahari	22 mm	117 mm	6	Box
	332216	Acry Free M	Light Dark Mahari	22 mm	82 mm	6	Box

NET WEIGHT OF FILLED CARTRIDGES:

22mm diam M = 18g L = 27g * 25mm diam S = 10g M = 18g L = 28g XL = 31g * 28mm diam M = 19g L = 31g



PURE P PERMANENT

PEEK COMPOUND: TODAY'S HIGHEST PERFORMING SEMI-CRYSTALLINE THERMOPLASTIC

INDICATIONS: fixed crowns, bridges, and restorations over implants, healing caps, veneers, individual abutments, over-dentures and telescopic dentures.

This thermoplastic offers a biocompatible alternative to the traditional metal and ceramic restorations for a wide range of appliances, including fixed crowns and bridges, implants, healing caps, abutments, and gingival formers.

BENEFITS:

- * Alternative for zirconia, ceramic and metal
- * Chairside repairable with conventional composites
- * Allows for maintenance and repair without appliance removal
- * Metal free, for no ion exchange or electrical conductivity
- * Elasticity is similar to that of bone and cartilage tissue
- * Aesthetic white color
- * Allows for thin, lightweight and precise aesthetic restoration
- * Works with injection molding, pressing and CAD\CAM
- * Less pressure damage to implants and abutment teeth
- * Resists breakage and cracking
- * Suitable for permanent contact with tissue
- * Veneered with composites and facet systems
- * Available in pellets and discs for most CAD\CAM machines on the market
- * Pellets available in 50g and 100g bulk jars



BULK \ DISCS	CAT NO.	MATERIAL	COLOR	WEIGHT GR	DIAMETER	THICKNESS	QUANTITY
	670001	DISC	White		98.5	16	1
	670002	DISC	White		98.5	20	1
	670003	DISC	White		98.5	24	1
	670007	BULK	White	50g			1 Jar
	670008	BULK	White	100g			1 Jar

PURE P CAD

Besides pellets, Perfex Pure\CAD high performance polymer is available in discs for CAD\CAM digital processing. Combining the advantages of Perfex Pure Permanent with the efficiency of CAD\CAM processing allows for patient customized results with the ideal combination of precision, speed, aesthetics, and virtually unbreakable restorations.



EASY CLASP

FLEXIBLE AESTHETIC CLASPS

Add a flexible aesthetic clasp to any acrylic denture in less than 15 minutes.

A Quick and easy way to fix broken clasps in acrylic dentures.

Pre-made clasps for a quick and easy clasp repair for acrylic dentures.

Available in 10pcs pack in Translucent Opaque pink, and transparent crystal clear.

Easy clasp is molded to shape with a heat-gun on the model, bonded with any type of cold/self cure acrylics and easily polished as acrylics.

How to use: demonstration video on our website: www.perflexltd.com



PRE-MADE CLASPS	CAT NO.	MATERIAL	COLOR	UNIT	PACKING
	333005	Acry Free Easyclasp	Clear	○	10 Small jar
	333013	Acry Free Easyclasp	Opaque Pink "N5"	●	10 Small jar

ACETAL

TOOTH - COLORED RIGID THERMOPLASTIC RESIN

INDICATIONS: Suitable for the production aesthetic tooth shade color frameworks, aesthetic clasps, for use with metal frames, space maintainers, partial dentures, cosmetic smile enhancers, provisional crowns and bridges for long term use.

BENEFITS:

- * Hypoallergenic and monomer-free
- * Temporary crowns and bridges without complex reinforcement elements
- * Thin occlusal appliances
- * Can be used with conventional acrylics or all Perflex thermoplastics
- * Aesthetic clasps for metal frames and space maintainers
- * Stain and bacteria resistant
- * Easy to clean and polish
- * Resistant to high-impacts and abrasions
- * Balanced formula for flexibility and stability
- * Choice of five different shades, with more available on request: A2, A3, A3.5, A4 and Pink, other colors by request
- * Available in 200gr packaging only



BULK	CAT NO.	MATERIAL	COLOR	UNIT	PACKING
	44001	Acetal	A2	200g	Jar + Box
	44002	Acetal	A3	200g	Jar + Box
	44003	Acetal	A3.5	200g	Jar + Box
	44004	Acetal	A4	200g	Jar + Box
	44005	Acetal	Pink	200g	Jar + Box
	Others	Acetal	Per request	200g	Jar + Box

ACETAL CAD

MILLING DISCS

Acetal Cad - CAD\CAM thermoplastic disc for the production of invisible and aesthetic tooth shade color frameworks, partial dentures, cosmetic smile enhancers, provisional crowns and bridges, by CAD\CAM milling machines.

Acetal Cad consists of high tensile and flexural strength, fatigue resistance low moisture absorption, and excellent dimensional stability.

BENEFITS:

Through CAD\CAM production, Acetal Cad partial dentures eliminates wax-up stage, investing, casting and finishing, process become fast, clean, precise and cost-effective.

After milling, the denture comes out nearly finished, final polishing is easy with minimal efforts.

Acetal dentures are biocompatible, aesthetic removable partial dentures which blends perfectly with a natural tooth shade clasp on the tooth providing better aesthetics, function and comfort.

INDICATIONS: Removable partial dentures (RPD'S), frame works, night guards, full dentures implant retained dentures, clasps, bite splints\night guards cosmetic smile masks, provisional crown and brides and other metal-free removable dental appliances.

- * **Comfortable** immediate adaptation by the patient
- * **Cost effective** save time, fast and clean process

Acetal Cad is ideal for frameworks, and provisional crown and bridges, Unlike conventional metal partials, Acetal restorations are lightweight, very aesthetic, avoiding metal taste.

Available in discs: 98.5 mm with step and no-step 98.5 - 16 98.5 - 20 and 98.5 - 24

Shades: A1, A2, A3, A3.5, C1, G1, G2, G3 & other colors by request



DISCS	CAT NO.	MATERIAL	VITA SHADES	DIAMETER	THICKNESS
	441611	Acetal	A1	98.5mm	16mm
442011	Acetal	A1	98.5mm	20mm	
442411	Acetal	A1	98.5mm	24mm	
441612	Acetal	A2	98.5mm	16mm	
442012	Acetal	A2	98.5mm	20mm	
442412	Acetal	A2	98.5mm	24mm	
441613	Acetal	A3	98.5mm	16mm	
442013	Acetal	A3	98.5mm	20mm	
442413	Acetal	A3	98.5mm	24mm	
441614	Acetal	A3.5	98.5mm	16mm	
442014	Acetal	A3.5	98.5mm	20mm	
442414	Acetal	A.35	98.5mm	24mm	
441615	Acetal	C1	98.5mm	16mm	
442015	Acetal	C1	98.5mm	20mm	
442415	Acetal	C1	98.5mm	24mm	
441616	Acetal	G1	98.5mm	16mm	
442016	Acetal	G1	98.5mm	20mm	
442416	Acetal	G1	98.5mm	24mm	
441617	Acetal	G2	98.5mm	16mm	
442017	Acetal	G2	98.5mm	20mm	
442417	Acetal	G2	98.5mm	24mm	
441618	Acetal	G3	98.5mm	16mm	
442018	Acetal	G3	98.5mm	20mm	
442418	Acetal	G3	98.5mm	24mm	

THERMOFIX

BIOCOMPATIBLE THERMOPLASTIC FOR IMMEDIATE IMPRESSIONS

INDICATIONS: individual trays, bite registrations, night and mouth guards, for extending walls and making functional impressions, plastic cap retentions for ball attachments, convenient matrix for interim fabrication, jig in implants, anterior jig to record centric or vertical relationships, index of the opposing maxillary and mandibular quadrants, graft donor sight protection, tooth protection during extraction.

With a dip in hot water, this material softens to a pliable putty, which hardens into unbreakable plastic. Biocompatible Thermofix can be reformed as many times as it takes to get the perfect impression or bite and can even be shaped into sticks to be softened with a torch.

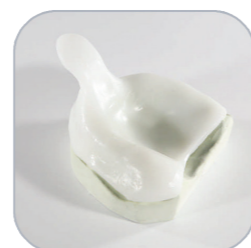
BENEFITS:

- * FDA approved
- * Takes less than one minute to use
- * Dimensionally stable
- * Can be fabricated directly in the mouth
- * Smooth, glossy surface requires no polishing
- * Quick fabrication of base plates with no complex equipment
- * Dip in hot water to make material soft and pliable
- * 5 minute bench set, or immediate setting in cold water
- * No mixing or chemical polymerization



- * Odorless and reusable
- * Unbreakable when hard
- * High levels of accuracy and precise detail
- * Non-toxic and safe for contact with skin or food
- * Easy to cut when in softened state
- * Choice of White, Yellow, Blue & Pink
- * Available in 200gr and 1kg jars

Thermofix Video instructions for use on:
www.perflexltd.com



BULK MATERIALS	CAT NO.	MATERIAL	COLOR	UNIT	PACKING
	455001	Thermofix	White	1 kg	Jar
	455002	Thermofix	White	200gr	Jar + Box
	455005	Thermofix	Blue	1 kg	Jar
	455006	Thermofix	Blue	200g	Jar + Box
	455007	Thermofix	Pink	1 kg	Jar
	455008	Thermofix	Pink	200g	Jar + Box
	455009	Thermofix	Yellow	1 kg	Jar
	455010	Thermofix	Yellow	200g	Jar + Box



FLEXI CLEAN

Flexi Clean is a top-of-the-line concentrated denture cleaner, specially developed for thermoplastics. This solution removes the harshest stains and kills live germs without any harm to the appliance.

Flexi Clean concentrated denture cleaner and stain remover is specially formulated to kill actual germs and pathogenic microorganisms present on removable appliances. Eliminates Candida albicans Infections from thermoplastic dentures and acrylic dentures.

- * Formulated to use with all Perflex thermoplastics: Biosens, T-crystal, Acetal, Flexinylon, Acryfree, P. Pure
- * Non-chlorinated
- * Removes plaque and stains in just 20 minutes
- * Non-effervescent
- * Protects dentures from odors
- * Prevents color-changes
- * Available in Denture cleaner kit of 12 mini-jars of 7g each (net weight 84g) for one year use, and in boxed sample set of 30 mini-jars of 7g each (net weight 210g) with 30 patient care instruction flyers.



POWDER	CAT NO.	MATERIAL	WEIGHT	DESCRIPTION	UNIT/SET/KIT	
	55901	Flexi Clean Box	net weight 84g	Denture cleaner Kit	12 mini jars for one year use	1
	55903	Mini Jar Cleaner	net weight 210g	30 mini jars Sample of Denture cleaner & flyers	1 box	1

SMART 101-500

FAST, EASY AND EFFICIENT AUTOMATIC-THERMOPLASTIC INJECTION PRESS

The Smart 101-500 is a powerful and automated heating injection machine that guarantees consistent, accurate results with easy cleanup and maintenance.

- * Consistent, precise results
- * Compact and cost effective
- * Easy to use
- * Adjustable operational pressure of up to 9.5 bars
- * Display operated
- * Operational again within minutes following use
- * 30 minute maximum heating mode
- * Built in furnace
- * Consistent pressure throughout processing
- * Multi-programming for numerous materials, appliances and restorations
- * Easy to operate
- * High-level safety features
- * Adheres to CE standards
- * Easy cleanup
- * Comprehensive training courses and ongoing online support
- * Available in 230v, 50-60Hz and 110V



STARTER KIT 7000

The Smart 101-500 Starter Kit includes all the materials and accessories necessary to produce more than thirty aesthetic thermoplastic dentures.

CAT NO.	DESCRIPTION				UNIT
	7000-C	Smart 101-500 Auto-injector			
55106	Injection Flask				1
CARTRIDGES/AL TUBES					
CAT NO.	MATERIAL	COLOR	DIAMETER	LENGTH	UNIT
T-CRYSTAL					
112503	T-crystal M	Light Pink	25 mm	73 mm	2
112505	T-crystal L	Standard pink	25 mm	98 mm	2
112513	T-crystal XL	Opaque Pink	25 mm	107 mm	2
FLEXI NYLON					
222503	Flexi Nylon M	Light Pink	25 mm	73 mm	3
222505	Flexi Nylon L	Standard pink	25 mm	98 mm	3
ACRYFREE					
332503	Acry free XL	Standard pink	25 mm	107 mm	6
BIOSENS					
4112509	Biosens M	Transparent	25 mm	73 mm	3
4112502	Biosens L	Light Pink	25 mm	98 mm	3
4112504	Biosens XL	Standard pink	25 mm	107 mm	3
4112513	Biosens XL	Opaque Pink	25 mm	107 mm	3

CAT NO.	ITEM	DESCRIPTION	UNIT
FINISHING KIT			
55201	Twist Drill no.6	Retention burs thin	1
55202	Twist Drill no.9	Retention burs medium	1
55203	Twist Drill no.12	Retention burs large	1
55108	Surgical Blade no.15	Blades	5
55217	White Soft Brush	Round brush	1
55219	Puff Mounted Brush	Small puff for high polish	1
55220	White Cotton Yarn Brush	Cotton yarn puff white brush	1
55209	Brown Mounted Stone	Stone	1
55210	Pink Mounted Stone	Small stone	1
55211	Pink Mounted Stone	Large stone	1
55208	Carbide Flame	Carbide	1
55207	Carbide Torch	Carbide	1
55212	Green Wheels	Disk rubber wheel	5
55213	Green Wheels	Cylinder rubber wheel point	5
55234	Gray Silicone point G157C [55214]	Mounted Round Silicone Wheel	1
55221	Red Arti-foil	Sample arti-foil articulating film	1 sample
WAXES			
55802	Red Sprue wax	5mm sprue wax	1 bog 50g
POLISHING KIT			
55301	Polifast Pumice	Polish powder	1 lb bag
55302	Polish Bar	Blue	1 unit
55303	Polish Bar	white	1 unit
55304	White Rag Mustin Buff 4"	Leather center	3 units
55305	Brown Slim Brush	Soft brush medium size 48mm	1 unit
PROCESSING MATERIALS			
55702	Cement	Glue agent to secure teeth in plasters	1 bottle 15ml (liquid)
55402	Lubrisil	Lubricant and Mold release	1 bottle 100ml (liquid)
55501	Isosep Film	Separator & isolation media for T-crystal, Acryfree & Biosens	1 bottle 100ml (liquid)
55502	Isosep Glaze	Separator and isolation media for Flexinylon (non film)	1 bottle 100ml (liquid)
55503	Isosep Oil	Separator & isolation media for T-crystal & Biosens second step	1 bottle 50ml (liquid)
55701	Fuse	Repair liquid (bonding agent)	1 bottle 15ml (liquid)
55902	Flexi Clean Denture Cleaner Kit	Denture cleaner total net weight 84g	12 mini jars for 1 year use

MANUAL INJECTOR

EFFICIENT AND EASY TO USE – MANUAL THERMOPLASTIC INJECTION PRESS USED IN CONJUNCTION WITH THE PERFLEX DIGITAL OVEN

The PERFLEX manual injector is a powerful machine with temperature adjustable heating oven, that guarantees consistent, accurate results and melting of Perfex thermoplastics with easy cleanup and maintenance.

The manual injector includes a Basic starter kit with an assortment of Perfex thermoplastics and processing materials.

BENEFITS:

- * Consistent, precise results
- * Compact and cost effective
- * Easy to use
- * Processes injections of almost all thermoplastics
- * Adjustable temperature heating oven
- * Display operated
- * Operational again within minutes following use
- * Oven separated from the injector
- * Easy to operate

The manual injector includes:

- 1 Manual Flexible denture injector
- 1 Heating oven
- 1 cartridge sleeve
- Bronze discs small and large 2 Each
- 2 Flasks
- 1 Knock out tube

- * High-level safety features
 - * Adheres to CE standards
 - * Easy cleanup
 - * Comprehensive training courses and ongoing online support
 - * Oven Available in 220 V and 110 V
 - * Use with 25mm cartridges
- Yelds approx.. 30 cases per day



STARTER KIT 77001

Starter Kit includes all the materials and accessories necessary to produce more than 15 aesthetic thermoplastic dentures.

CAT NO.	DESCRIPTION		UNIT		
	70001C	Manual Pressure Injector		1	
55106	Injection Flask		1		
CARTRIDGES/AL TUBES					
CAT NO.	MATERIAL	COLOR	DIAMETER	LENGTH	UNIT
T-CRYSTAL					
112503	T-crystal M	Light Pink	25 mm	73 mm	1
112506	T-crystal M	Standard pink	25 mm	73 mm	1
FLEXI NYLON					
222503	FlexiNylon M	Light Pink	25 mm	73 mm	1
222512	FlexiNylon M	Purple Pink	25 mm	73 mm	1
222506	FlexiNylon M	Standard pink	25 mm	73 mm	1
ACRYFREE					
332510	Acryfree M	Standard pink	25 mm	73 mm	1
332520	Acryfree L	Opaque Pink N5	25 mm	98 mm	1
BIOSENS					
4112509	Biosens M	Transparent	25 mm	73 mm	1
4112503	Biosens M	Light Pink	25 mm	73 mm	1
4112505	Biosens L	Standard pink	25 mm	98 mm	1
4112513	Biosens XL	Opaque Pink	25 mm	107 mm	1

CAT NO.	ITEM	DESCRIPTION	UNIT
FINISHING KIT			
55201	Twist Drill no.6	Retention burs thin	1
55202	Twist Drill no.9	Retention burs medium	1
55203	Twist Drill no.12	Retention burs large	1
55108	Surgical Blade no.15	Blades	5
55208	Carbide Flame	Carbide	1
55207	Carbide Torch	Carbide	1
55212	Green Wheels	Disk rubber wheel	1
55213	Green Wheels	Cylinder rubber wheel point	1
55234	Grey Silicon Point G157C [55214]	Silicon point	1
55235	Grey Silicon Point G157H	Silicon point	1
55236	Grey Silicon Point G147B	Silicon point	1
55238	Grey Silicon Point G127C	Silicon point	1
55221	Red Arti-foil	Sample arti-foil articulating film	1
WAXES			
55802	Red Sprue wax	5 mm sprue wax	1 bag 25g
POLISHING KIT			
55301	Polifast Pumice	Polish powder	1 lb bag
55302	Polish Bar	Blue	1 unit
55303	Polish Bar	white	1 unit
55304	White Rag Mustin Buff 4"	Leather center	3 units
55305	Brown Slim Brush	Soft brush medium size 48 mm	1 unit
PROCESSING MATERIALS			
55702	Cement	Glue agent to secure teeth in plasters	1 bottle 15ml (liquid)
55402	Lubrisil	Lubricant and Mold release	1 bottle 100ml (liquid)
55501	Isosep Film	Separator & isolation media for T-crystal, Acryfree & Biosens	1 bottle 100ml (liquid)
55502	Isosep Glaze	Separator and isolation media for Flexinylon (non film)	1 bottle 100ml (liquid)
55503	Isosep Oil	Separator & isolation media for T-crystal & Biosens second step	1 bottle 50ml (liquid)
55701	Fuse	Repair liquid (bonding agent)	1 bottle 15ml (liquid)
55902	Flexi Clean Denture Cleaner Kit	Denture cleaner total net weight 84g	12 mini jars for 1 year use

PROCESSING TOOLS & MATERIALS

HIGH QUALITY ACCESSORIES FOR ACCURATE RESULTS

Perflex's complete line of processing accessories provides tools for precise products from the first step through the finishing touch. Individually, or in

convenient kits, Perflex tools are the most reliable way to process state-of-the-art thermoplastic appliances and restorations.



22M, 22L \ 25S, 25M, 25L, 25XL \ 28L, 28M
Empty Tube & Cap, 22MM, 25MM And 28MM



(For Aluminum Tubes)

55117
Closing Plier



7000-1
Finishing Kit



7000-3
Dr. Adjustment Kit



55701
Fuse



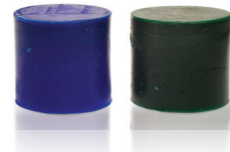
55702
Cement



55116
Pencil Torch



55802
Red Sprue Wax



55805
Block Out Wax



55110
Timer



55951
Shade Guide



55401
Lubrigel



55402
Lubrisil



55501
Isosep Film



55502
Isosep Glaze



55503
Isosep Oil



55112
Pneumatic Butterfly



55109
Mini Torch



7000-2
Polishing Kit



55233, 55234, 55235, 55236, 55237, 55238
Gray Silicon Points



55201, 55202, 55203
Twist Drills No. 6, 9, 12



55206, 55205, 55204
Jumbo Diamond Burs



55207, 55208
Carbide Burs



55209
Brown stones



55210
Pink Stones Small



55211
Pink Stones Large



55212
Disk Rubber Green Wheel



55213
Cylinder Rubber Green point



55215
Mandrel No.1



55216
Mandrel No.2



55217
Round White Soft Brush



55218
Brown Medium Soft Brush



55219
Puff Mounted Brush



55114
Red Pencil



55601
Geliflex



55602
Duplicating Flask



55106
Injection Flask



55107
Soldering Torch



55305
Brown Slim Brush



55220
Cotton Yarn Brush



55301
Polifast



55302
Blue Polish Bar



55303
White Polish Bar



55304
White Rag Muslin Buff 4"

PROCESSING TOOLS & MATERIALS

TOOLS & ACCESSORIES

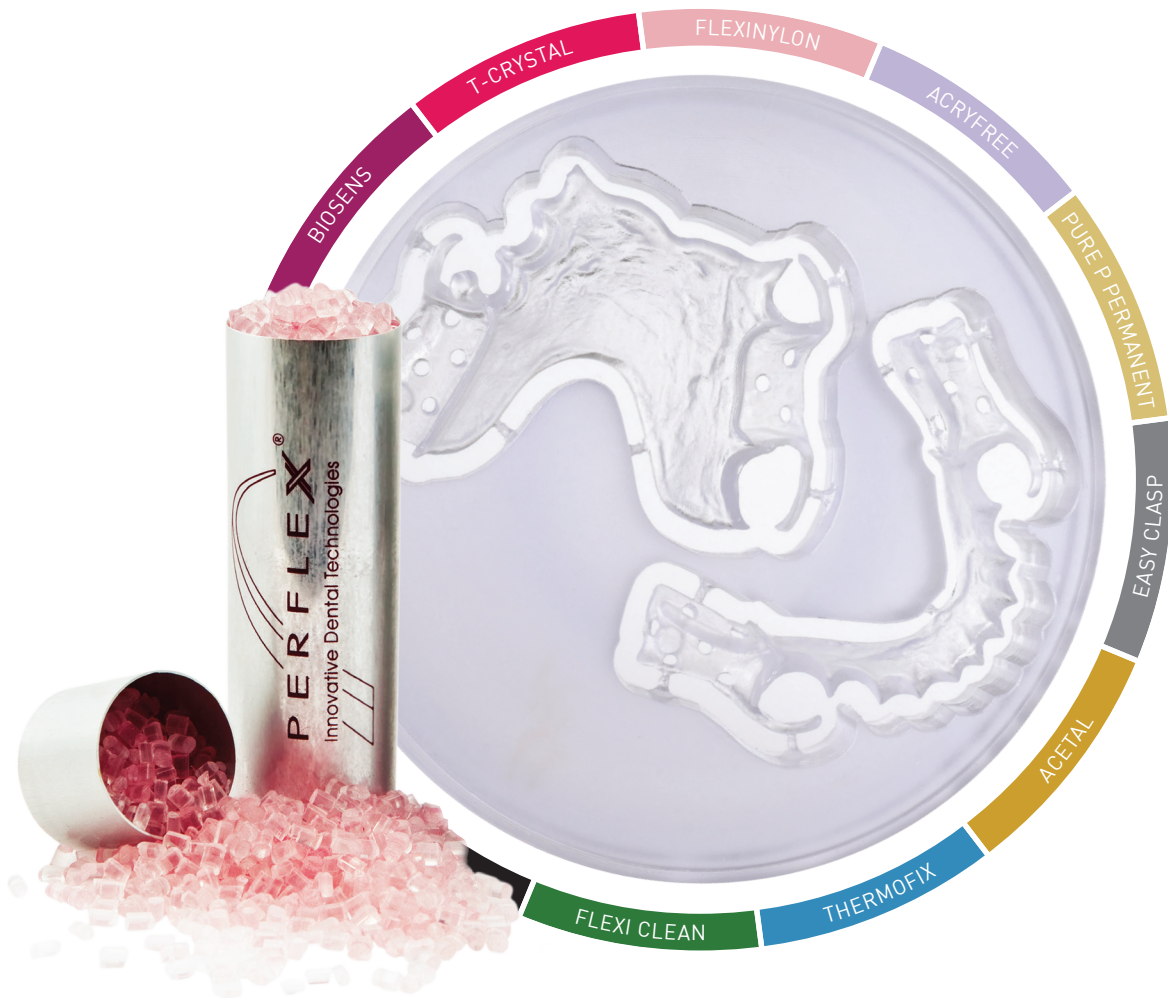
CAT NO.	ITEM	DESCRIPTION	UNIT/SET/KIT
PROCESSING EQUIPMENT			
55001	Smart 101- 500	Injection Machine Suitable For All Thermoplastics Types. Including Injection Flask Only.	
EMPTY AL. TUBES/CARTRIDGES			
55100-S	25 mm diam.Tube & Cap	Small 45Mm Long (80 Sets Min.) Soft	1 set
55101-S	25 mm diam.Tube & Cap	Extra Large 110 Mm Long (40 Sets Min.) Soft	1 set
55102-S	25 mm diam.Tube & Cap	Large 101 Mm Long (40 Sets Min.) Soft	1 set
55103-S	25 mm diam.Tube & Cap	Medium 76 Mm Long (40 Sets Min.) Soft	1 set
55101-H	25 mm diam.Tube & Cap	Extra Large 110 Mm Long (40 Sets Min.) Hard	1 set
55102-H	25 mm diam.Tube & Cap	Large 101 Mm Long (40 Sets Min.) Hard	1 set
55103-H	25 mm diam.Tube & Cap	Medium 76 Mm Long (40 Sets Min.) Hard	1 set
55104	28 mm diam.Tube & Cap	Large 87 Mm Long (100 Sets Min.)	1 set
55105	28 mm diam.Tube & Cap	Medium 63 Mm Long (100 Sets Min.)	1 set
55121-S	22 mm diam.Tube & Cap	Large 120 Mm Long (100 Sets Min.) Soft	1 set
55122-S	22 mm diam.Tube & Cap	Medium 85 Mm Long (100 Sets Min.) Soft	1 set
55106	Injection Flask	Injection Flask	1 unit
55107	Soldering Torch	Hot Air Welder	1 unit
55108	Scalpel blades no.15	Blades	100 units pack
55109	mini Toarch (discontinued)	Flame Toarch	1 unit
55110	Timer	Digital Timer	1 unit
55112	Pneumatic Buterfly	Pneumatic Screw Driver	1 unit
55113	Surveyor	Two Axis Paralelometer	1 unit
55114	Red Pensil	Pensil	1 unit
55115	Universal Plastic Glasses	Safety Glasses	50 units pack
55116	Pensil Toarch	Flame Toarch	1 unit
55117	Closing Plier for Aluminum Tubes	Crampon/Plier	1 unit
PROCESSING TOOLS			
FINISHING			
DRILLS			
55201	Twist drills no.6	Retention Burs Thin	6 units pack
55202	Twist drills no.9	Retention Burs Medium	6 units pack
55203	Twist drills no.12	Retention Burs Large	6 units pack
DIAMONDS			
55204	Diamond bur jumbo	Coarse Grinding	1 unit
55205	Diamond bur jumbo	Medium Grinding	1 unit
55206	Diamond bur jumbo	Fine Grinding	1 unit
CARBIDES			
55207	Carbide bur	Plane Cut,Toarch Type	20 units pack
55208	Carbide bur	Plane Cut,Flame Type	20 units pack
55222	carbide bur	Round Small Carbide	6 units pack
STONES			
55209	Brown Stones	Grinding Mounted Stone	100 units pack
55210	Pink Stones small	Grinding Mounted Stone	100 units pack
55211	Pink Stones large	Grinding Mounted Stone	100 units pack
RUBBER WHEELS			
55212	Green Wheels	Disk Rubber Wheel	100 units pack
55213	Green Wheels	Cylinderrubber Wheel	100 units pack
55215	Mandrel no 1	Mandrel For Disk	100 units bag
55216	Mandrel no 2	Mandrel For Cylinder	100 units bag
55217	Round White Soft Brush	Mounted Round 19Mm White Soft Polishing	12 units box
55218	brown medium soft brush	Mounted Star/Round 19Mm White Soft Polishing	12 units box
55219	puff mounted brush	Small Puff For High Polish	12 units box
55220	coton yarn brush	Mounted Brush	12 units pack
55223	Blue Rubber Wheel	Thik	10 units pack
55224	Blue Rubber Wheel	Thin	10 units pack
55221	Articulating plastic foil	Extra Thin Double Sided Red	1 unit
55233	Gray Silicone point G157A	Mounted Round Silicone Wheel	10 units pack
55234	Gray Silicone point G157C (55214)	Mounted Round Silicone Wheel	10 units pack
55235	Gray Silicone point G157H	Mounted Round Silicone Wheel	10 units pack
55236	Gray Silicone point G147B	Mounted Round Silicone Wheel	10 units pack
55237	Gray Silicone point G147R	Mounted Round Silicone Wheel	10 units pack
55238	Gray Silicone point G127C	Mounted Round Silicone Wheel	10 units pack



CAT NO.	ITEM	DESCRIPTION	UNIT/SET/KIT
POLISHING			
55301	Polifast	Polish powder 1lb (454gr) bag	20 units pack
55302	Blue Polish Bar	Prepolishing	2 units pack
55303	White Polish Bar	Final polishing	2 units pack
55304	White rag muslin buff 4"	Leather center non stitched buffing brush	10 units pack
55305	Brown slim brush	Soft brush medium size 48mm	10 units pack
LUBRICANTS			
55401	Lubrigel	Al.tubes/cartridges lubricant	can 100ml (gel)
55402	Lubrisil	Lubricant & mold release	bottle 250ml (liquid)
SEPERATORS			
55501	Isosep film	Separator & isolation media for T-Crystal & Acry Free	bottle 250ml (liquid)
55502	Isosep glaze	Separator & isolation media for Flexi Nylon(non film)	bottle 250ml (liquid)
55503	Isosep oil	Separator & isolation media for T-Crystal (second step)	bottle 150ml (liquid)
DUPLICATING MATERIALS			
55601	Geliflex	Duplicating gelatine	1can (~4kg)
55602	Duplacting Flask	Duplacting flask	1 unit
GLUES			
55701	Fuse	Repair liquid (bonding agent)	bottle 30ml
55702	Cement	Glue agent to secure teeth in plasters for Flexi Nylon	bottle 30ml
WAXES			
55802	Red sprue wax	Wax 5/7 mm dia.	100g
55805	Block out wax	Wax for cr-co paralelometer	150g block
ASSORTIMENT KITS			
7000-1	Finishing Kit	Technician tools	
7000-2	Polishing Kit	Technician tools	
7000-3	Dr Adjustment Kit	Dentist tools	
DR ADJUSTMENT KIT 7000-3			
55217	White soft brush	Round Brush	1 unit
55220	White Cotton Yarn Brush	Cotton Yarn Puff White Brush	1 unit
55222	Round Small Carbide	Carbide	1 unit
55209	Brown Mounted Stone	Stone	1 unit
55210	Pink Mounted Stone	Small Stone	1 unit
55211	Pink Mounted Stone	Large Stone	1 unit
55208	Carbide Flame	Carbide	1 unit
55207	Carbide Torch	Carbide	1 unit
55212	Green Wheels	Disk Rubber Wheel	3 units
55213	Green Wheels	Cylinder Rubber Wheel Point	3 units
55223	Grey Jumbo Silicon Point	Jumbo Silicon Point	1 unit
55224	Red Arti-Foil	Sample Arti-Foil Articulating Film	1 sample

TOOLS & ACCESSORIES

WORLD OF BIOCOMPATIBLE THERMOPLASTICS



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