



PLASTIFORM

Precision 3D replicas for quality control

CATALOGUE 2019

PLASTIFORM® PRODUCTS	2-4
RESIN PRODUCTS : BRAND KRISTAL	5
ACCESSORIES	6-8
TWIN BLADE CUTTERS	9
KITS AND CASES	10-15
PLASTIFORM® APPLICATIONS	16

PLASTIFORM® Fluid Products

F

In 50ml Cartridges (and 5ml Syringes for the F20 and F50)

Product	Color	Packaging	Reference
 F20		2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	CA-F20-2
		8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F20-8
		16 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F20-16
		10 Syringes 5ml + 30 Nozzles for Syringes	SE-F20-10
 F30 Max		2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	CA-F30M-2
		8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F30M-8
 F30 Visual		2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	CA-F30V-2
		8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F30V-8
		16 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F30V-16
 F40		2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	CA-F40-2
		8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F40-8
 F50		2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	CA-F50-2
		8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F50-8
		16 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F50-16
		10 Syringes 5ml + 30 Nozzles for Syringes	SE-F50-10
 F65		2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	CA-F65-2
		8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F65-8
		16 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F65-16
 F85		2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	CA-F85-2
		8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F85-8
		16 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-F85-16



CA-F20-2



CA-F20-8



SE-F20-10

Non-contractual pictures

www.plastiform.info

PLASTIFORM® Fluid Products

F

In Big Volumes 400ml, 1,7L or 10,2L

Product	Color	Packaging	Reference
 F20 XL		1 Cartridge 400ml + 10 Quadro Nozzles	CA-F20XL
		Bottles 1,7 Litre (2 x 850ml)	VR-004
		Cans 10,2 Litres (2 x 5,1 Litres)	VR-005
 F30 XL		1 Cartridge 400ml + 10 Quadro Nozzles	CA-F30XL
		Bottles 1,7 Litre (2 x 850ml)	VR-007
		Cans 10,2 Litres (2 x 5,1 Litres)	VR-008
 F50 XL		1 Cartridge 400ml + 10 Quadro Nozzles	CA-F50XL
		Bottles 1,7 Litre (2 x 850ml)	VR-010
		Cans 10,2 Litres (2 x 5,1 Litres)	VR-011
 F70 XL		1 Cartridge 400ml + 10 Quadro Nozzles	CA-F70XL
		Bottles 1,7 Litre (2 x 850ml)	VR-013
		Cans 10,2 Litres (2 x 5,1 Litres)	VR-014
 F85 XL		1 Cartridge 400ml + 10 Quadro Nozzles	CA-F85XL
		Bottles 1,7 Litre (2 x 850ml)	VR-016
		Cans 10,2 Litres (2 x 5,1 Litres)	VR-017


CA-F50XL

VR-010

VR-011

Non-contractual pictures

www.plastiform.info

PLASTIFORM® Pasty Products

P

50 ml Cartridges

Product	Color	Packaging	Reference
 P25		2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	CA-P25-2
		8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-P25-8
		16 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-P25-16
 P35		2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	CA-P35-2
		8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-P35-8
		16 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-P35-16
 P80 Ra		2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	CA-P80Ra-2
		8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-P80Ra-8
		16 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-P80Ra-16
 P51 SD		2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	CA-P51SD-2
		8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-P51SD-8
		16 Cartridges 50ml + 48 Standard Nozzles + 6 Tips	CA-P51SD-16

PLASTIFORM® Manual Putty Products

M

In 900ml and 90ml Tubs

Product	Color	Packaging	Reference
 M25		900ml (2x450ml) Tubs	MT-001
		90ml (2x45ml) Sample	MT-001-B
 M60		900ml (2x450ml) Tubs	MT-002
		90ml (2x45ml) Sample	MT-002-B
 M70		900ml (2x450ml) Tubs	MT-003
		90ml (2x45ml) Sample	MT-003-B
 M90		900ml (2x450ml) Tubs	MT-004
		90ml (2x45ml) Sample	MT-004-B
 M80 Lp		900ml (2x450ml) Tubs	MT-005
		90ml (2x45ml) Sample	MT-005-B

Understand the designation of the products

P80 Ra

The first letter indicates the initial consistency of the product :

- **F** : Fluid
- **P** : Pasty
- **M** : Manual Putty

The third item indicates a specific information about the product :

- **Max** : Maximum Elongation
- **Visual** : For Visual inspection
- **Ra** : For Roughness Control
- **SD** : Shore D Hardness
- **XL** : Product in Big Volume
- **Lp** : Long Polymerisation

The number indicates the final hardness of the impression in Shore A :

- from **20** to **40** : Flexible
- from **50** to **70** : Semi-Flexible
- from **80** to **90** : Semi-Rigid

Exemples :

F20 : Fluid product, Imprint 20 Shore A (flexible)

P80 Ra : Pasty product, Imprint 80 Shore A (semi-rigid), adapt for roughness control

M70 : Manual putty product, imprint 70 Shore A (semi-flexible)

KRISTAL RESIN PRODUCTS

For rigid impressions and high precision replicas in combination with PLASTIFORM® products.

Liquid Resin Products

LR

Product Name	Color	Packaging	Reference
--------------	-------	-----------	-----------

Liquid Resin 2 Components



LR-2C



Kit 2 Litres = 2 Bottles 1 Litre

RI-006

Kit 10 Litres = 2 Bottles 5 Litres

RI-007

Mini-Kit 60 ml = 2 flasks 30 ml

RI-008

Liquid Resin 3 Components



LR-3C



Complete Kit 500 ml + accessories

RI-001

Dispensing guns

	Designation	Description	Reference
	DS-53	Manual Dispensing Gun for 50ml Cartridges	AC-001
	DP-50	Pneumatic Dispensing Gun for 50ml Cartridges	AC-001-P
	DS-400	Manual Dispensing Gun for 400ml Cartridges	AC-021
	DP-400	Pneumatic Dispensing Gun for 400ml Cartridges	AC-021-P
	DB-400	Battery Dispensing Gun for 400ml Cartridges	AC-021-B
	DS-73	Automatic Time-Pressure dosing system for DP50 or DP400	AC-060

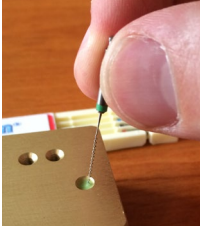
Mixers & Nozzles

	Designation	Description	Reference
	Standard Nozzle 8,2 cm	Pack of 48 Nozzles + 6 Nozzle Tips	AC-002-48
		Pack of 96 Nozzles + 12 Nozzle Tips	AC-002-96
		Pack of 192 Nozzles + 24 Nozzle Tips	AC-002-192
	Tip for Standard Nozzle	Pack of 20 Tips	AC-015
		Pack of 50 Tips	AC-016
	Economical* Nozzle	Pack of 500 Nozzles	AC-010
	Economical Tip	Pack of 50 Tips	AC-018

* Only for Fluid products in 50ml Cartridges

	Designation	Description	Reference
	Needle Nozzle* Needle diameter : 0,89 mm	Pack of 10 Nozzles	AC-050
		Pack of 50 Nozzles	AC-051
		Pack of 100 Nozzles	AC-052
		Pack of 200 Nozzles	AC-053
	Quadro Nozzle 120 mm	Pack of 50 Nozzles	AC-054
		Pack of 100 Nozzles	AC-055
	Long Nozzle** 170 mm	Pack of 10 Nozzles	AC-022
		Pack of 50 Nozzles	AC-023
	Nozzle for 5ml syringes	Pack of 50 Nozzles	AC-007

Fill'In

	Designation	Description	Reference
	Fill'in	Box of 4 Fill'in, diameters 25-30-35-40 μ m	AC-040
		Metal spiral helping the Fluid products to be injected in the finest details.	
			

Degreaser - KRISTAL

	Designation	Description	Reference
	DN1 Powerful Degreaser. Use before making each impression.	400 ml Spray	AC-019
		200 ml Spray	AC-019-A
		1 litre Bottle	AC-019-C
		5 litres Can	AC-019-D
		20 litres Can	AC-019-E

Release Agent for KRISTAL Liquid Resins

	Designation	Description	Reference
	3S Release Agent. Use ONLY before making an impression with a Liquid Resin product	400ml Spray	AC-020

*Only for Fluid products in 50ml Cartridges

**Only for Fluid products in 400ml Cartridges

Plastin



Designation

Plastin
+/- 250 grams

Description

Multi-purpose technical clay for the industry.
Malleable when it is cold. Does not dry.

Reference

AC-014



Rings for mold removal



Designation

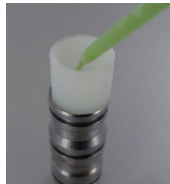
Demolding Rings

Description

21 Rings. 7 different diameters.
Ensure a good grip, to help you remove the impression easily.

Reference

AC-011



Re-FORM



Designation

Re-FORM
Reusable thermoforming resin.
Malleable when it is hot.
Unbreakable when it is cold.

Description

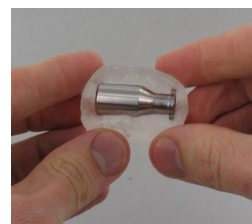
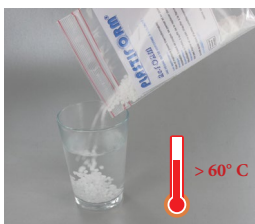
500 Grams

1 Kilogram

Reference

DP-002

DP-003



Standard Twin Blade Cutter

Designation	Description	Reference	
 Twin Blade Cutter Standard 1 mm	Space between blades = 1 mm Length = 60 mm	AC-012	
 Cutting Guide For 1mm Cutter	Ensures a straight cut of the impression, for optimal precision.	AC-013	
 Kit Guide + Cutter for 1mm Cutter	Set containing : Twin Blade Cutter 1mm + Cutting Guide	AC-013-B	
			

Non-contractual pictures

Special Twin Blade Cutters

Special Twin Blade Cutters are manufactured on demand. There is a 3 to 5 weeks delay for this kind of item.
Contact us for more information.

Designation	Description	Reference
60mm Cutter Customized	Length 60 mm : Space between blades 0,5 mm	AC-013-B-SP-060-0.50
	Length 60 mm : Space between blades 2 mm	AC-013-B-SP-060-2.00
100mm Cutter Customized	Length 100 mm : Space between blades 0,5 mm	AC-013-B-SP-100-0.50
	Length 100 mm : Space between blades 1 mm	AC-013-B-SP-100-1.00
	Length 100 mm : Space between blades 2 mm	AC-013-B-SP-100-2.00
200mm Cutter Customized	Length 200 mm : Space between blades 0,5 mm	AC-013-B-SP-200-0.50
	Length 200 mm : Space between blades 1 mm	AC-013-B-SP-200-1.00
	Length 200 mm : Space between blades 2 mm	AC-013-B-SP-200-2.00

The cutting guide is included with all of our Special Twin Blade Cutters.

Accessory Cases to fill

These cases only contain Accessories. You add the 50ml Cartridges you want.



Accessories Case Without Cutter

Accessories included

Reference

1 Dispensing Gun DS-53
21 Rings for mold removal
1 Plastin +/- 250g
1 Degreaser DN1 400ml
1 bag of Re-FORM +/- 50g

ML-100



Accessories Case With Cutter

Accessories included

Reference

1 Dispensing Gun DS-53
21 Rings for mold removal
1 Plastin +/- 250g
1 Degreaser DN1 400ml
1 bag of Re-FORM +/- 50g
1 1mm Twin Blade Cutter
1 Cutting Guide

ML-101

50ml Cartridge products are not included in the Accessories Cases.
Add the references of your choice (prices on page 2):

Product	Reference	Description	Product	Reference	Description
F20	CA-F20-2	2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	F85	CA-F85-2	2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips
	CA-F20-8	8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips		CA-F85-8	8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips
F30 Max	CA-F30M-2	2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	P25	CA-P25-2	2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips
	CA-F30M-8	8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips		CA-P25-8	8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips
F30 Visual	CA-F30V-2	2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	P35	CA-P35-2	2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips
	CA-F30V-8	8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips		CA-P35-8	8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips
F40	CA-F40-2	2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	P80 Ra	CA-P80Ra-2	2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips
	CA-F40-8	8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips		CA-P80Ra-8	8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips
F50	CA-F50-2	2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips	P51 SD	CA-P51SD-2	2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips
	CA-F50-8	8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips		CA-P51SD-8	8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips
F65	CA-F65-2	2 Cartridges 50ml + 12 Standard Nozzles + 3 Tips			
	CA-F65-8	8 Cartridges 50ml + 48 Standard Nozzles + 6 Tips			

Non-contractual pictures

www.plastiform.info

Complete Prefilled Cases

These cases contain the accessories and a selection of products.

Accessories included in each of the three cases below:

- 1 Dispensing Gun DS-53
- 50 Standard Nozzles
- 10 Tips for Standard Nozzles
- 21 Rings for mold removal
- 1 Plastin +/- 250g
- 1 Degreaser DN1 400ml
- 1 bag of Re-FORM +/- 50g
- 1 1mm Twin Blade Cutter
- 1 Cutting Guide

« Complete Solution » Cases

Test the entire range. All our solutions in one case.



Products included

Reference

Fluid and Pasty products in 50ml Cartridges:

- 1 F20
- 1 F30 Visual
- 1 F50
- 1 F65
- 1 F85
- 1 P25
- 1 P35
- 1 P80 Ra
- 1 P51 SD

ML-040

Manual Putties in 90ml tubs:

- 1 M25
- 1 M70
- 1 M90



Case for «Internal & External Simple Forms»

Selection of Semi-Flexible and Semi-Rigid products suitable for impressions of non-complex forms : bore, straight groove, draft angle...

Products included

Reference

Fluid and Pasty products in 50ml Cartridges:

- 2 F50
- 2 F65
- 2 P35
- 2 P80 Ra

ML-041

Manual Putties in 90ml tubs:

- 1 M70 90ml
- 1 M90 90ml



Case for «Internal & External Complex Forms»

Selection of Flexible and Semi-Flexible products suitable for impressions of complex forms : thread and complex groove, undercuts up to 30%...

Products included

Reference

Fluid and Pasty products in 50ml Cartridges:

- 3 F20
- 3 F50
- 2 P35

ML-042

Manual Putties in 90ml tubs:

- 1 M25 90ml
- 1 M60 90ml

Storage Case PLASTIFORM



Designation

PLASTIFORM Case

Description

Case without accessories nor products.

Reference

AC-080

Kits for each application

Accessories included in each Kit

*Except KD-038 and KD-029.

1 Dispensing Gun DS-53
20 Standard Nozzles
1 Platin +/- 50g
1 Degreaser DN1 200ml
1 bag of Re-FORM +/- 50g



Designation

**Internal Complex
Forms 1**

Products included

3 F20
2 F50

Reference

KD-030



**Internal Complex
Forms 2
WITH CUTTER**

2 F20
2 F50
1 P25

KD-031



**Internal Simple
Forms
WITH CUTTER**

2 F50
2 F65
1 F85

KD-032



**External Complex
Forms
WITH CUTTER**

3 P35
1 P25
1 M25 (90ml)

KD-033



**External Simple
Forms
WITH CUTTER**

1 P35
1 P80 Ra
1 P51 SD
1 M70 (90ml)
1 M90 (90ml)

KD-034

Non-contractual pictures

www.plastiform.info

Kits for each application

Accessories included in each Kit

*Except KD-038 and KD-029.

1 Dispensing Gun DS-53
20 Standard Nozzles
1 Plastin +/- 50g
1 Degreaser DN1 200ml
1 bag of Re-FORM +/- 50g



Roughness Control Ra

5 P80 Ra

KD-035



Surface Finish Control

5 F30 Visual

KD-036



Protection Masking Seal

2 F50
2 F65
1 F20

KD-037



Gap Measurement

3 P51 SD
1 P80 Ra
1 M80 Lp

KD-039



Clamp, Maintain, Reinforcement

2 Litres of Resine LR-2C
2 Kg of Re-FORM
1 Release Agent 3S 400ml
+/- 250g of Plastin

KD-029



Checking Gauge & Replica

2 Litres of Resine LR-2C
1 Kit LR-3C (500 ml)
1 Release Agent 3S 400ml
+/- 250g of Plastin
+/- 50g of Re-FORM

KD-038

Kits « Big Volumes » - 400ml Cartridges

Accessories included in each Kit below

1 Dispensing Gun DS-400
50 Quadro Nozzles
1 Plastin +/- 250g
1 Degreaser DNI 200ml
1 bag of Re-FORM +/- 50g



Designation

Products included

Reference

Kit F20 XL

4 Cartridges 400ml of F20 XL

KD-118



Kit F30 XL

4 Cartridges 400ml of F30 XL

KD-119



Kit F50 XL

4 Cartridges 400ml of F50 XL

KD-120



Kit F70 XL

4 Cartridges 400ml of F70 XL

KD-122



Kit F85 XL

4 Cartridges 400ml of F85 XL

KD-123

Non-contractual pictures

www.plastiform.info

Kits «Small Volumes»

Complete Mini-Kit «Small Volumes»

Test some of our products at a very low price.



Products included

2 Syringes 5ml of F50
2 Syringes 5ml of F20
1 M25 90ml
1 M70 90ml
1 M90 90ml
1 LR-2C 60ml

Accessories included

6 Nozzles for Syringes 5ml
2 Rings of mold removal
1 DN1 Degreaser 200ml
1 Re-FORM +/- 50g
1 Plastin +/- 50g

Reference

KD-005

Accessories included in each Kit below

15 Nozzles for Syringes 5ml
1 Plastin +/- 50g
2 Rings of mold removal
1 DN1 Degreaser 200ml
1 Re-FORM +/- 50g



Designation

Products included

Reference

Kits Syringes F50

10 Syringes 5ml of F50

KD-111



Kits Syringes F20

10 Syringes 5ml of F20

KD-112



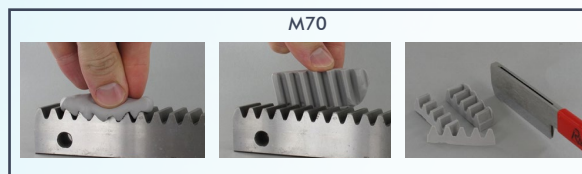
Kits Syringes F50 and F20

5 Syringes 5ml of F50
5 Syringes 5ml of F20

KD-113

INDIRECT DIMENSIONAL CONTROL

Create casts of both internal and external forms of a part to measure hard-to-access features (thread, groove, bore...). Use the Twin Blade Cutter to create a slice and measure the cross-section on a profile projector.



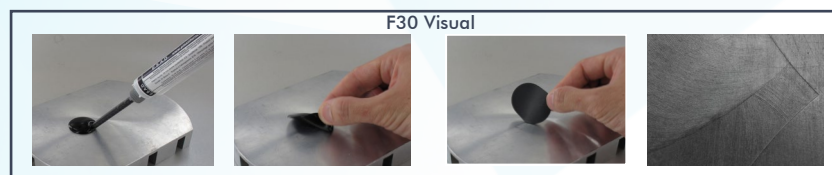
ROUGHNESS CONTROL Ra

Take indirect roughness measurement of impossible to reach features (groove, bore...). The impression copies the finest surface details (even below 0,2 μm).



VISUAL SURFACE FINISH CONTROL

The F30 Visual replicates all details of a surface, and accurately highlight striations, defects and mechanical damages.



PROTECTION - MASKING - SEAL

Use PLASTIFORM® to protect parts or surfaces against chemical, acid, oil, water or shot blast treatments.



FIX - CLAMP - ADD STRENGTH TO PARTS

Fix, maintain, clamp and add strength to your parts with the infinitely reusable Re-FORM crystals, or with one of the Manual Putties.

