PLASTIFORM

L'Empreinte Dimentionnelle - Precision 3D replicas for Quality Control

A trademark of Rivelec

Product	Final Consistency	Final Hardness (Shore A)	Maximum Removal Constraint	Curing Time	DOUBLE BLADE CUTTER *	**
Fluid Products						
F20	Very Flexible	20	30%	MEDIUM	✗	✗
F30 Max	Very Flexible	30	40%	SLOW	✗	✗
F30 Visual	Very Flexible	30	20%	MEDIUM	✗	✗
F40	Flexible	40	35%	SLOW	✓	✗
F50	Semi-Flexible	50	10%	MEDIUM	✓	!
F65	Semi-Flexible	65	5%	MEDIUM	✓	!
F85	Rigide	85	0%	MEDIUM	✗	✓
Pasty Products						
P25	Flexible	25	30%	MEDIUM	✓	✗
P35	Flexible	35	20%	MEDIUM	✓	✗
P80 Ra	Semi-Rigide	80	0%	MEDIUM	!	✓
P51 SD	Rigide	100	0%	FAST	✗	✓
Manual Putty Products						
M25	Flexible	25	15%	MEDIUM	✓	✗
M60	Semi-Flexible	60	5%	MEDIUM	✓	!
M70	Semi-Flexible	70	5%	MEDIUM	✓	✓
M80 Lp	Semi-Rigide	80	0%	SLOW	!	✓
M90	Rigide	90	0%	MEDIUM	✗	✓

FAST **1 to 3 min.** MEDIUM **3 to 10 min.** SLOW **> 10 min.**

Fluid Products

50 ml Cartridges
Standard Nozzles and Tips

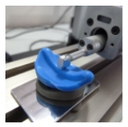
Fluid, easily adapts to even the smallest details (threads, small holes...). Recommended for complete internal impressions in applications requiring good fluidity.

More information can be found in the technical sheets

Pasty Products

50 ml Cartridges
Standard Nozzles and Tips

Non-fluid paste-like products can be used for partial replicas (internal or external) and on vertical or overhanging surfaces.



More information can be found in the technical sheets

Manual Putty Products

900 ml Containers
Manual Application

These products, with a modeling clay consistency, can be mixed and applied manually to create partial external or internal molds.

More information can be found in the technical sheets

* **Cutting with Double Blade Cutter**
Creating cross sections for analysis on a profile projector or vision device.

* **Contact Measurement**
Only possible with low-pressure tools suitable for soft materials.

Unsure which product to use?

Answer just 5 questions about your Plastiform application, and the app will recommend the appropriate products!

Use the Plastiform Finder!
form.plastiform.info

Plastiform Applications

1 Dimensional Control

Dimensional control is the primary application of Plastiform. Using Plastiform products, you can control more than 98% of parts that would require destructive testing.

2 Roughness Control

If your measuring tools are unable to reach the area you want to control, Plastiform products will allow you to replicate the surface and perform measurements where it was previously impossible.

3 Visual Surface Finish Control

Plastiform products can replicate surfaces with exceptional precision. Thanks to this property and appropriate color selection, they enable much more convenient visual inspection than on the original surface.

4 Protection and Masking

The precision of Plastiform products allows for the protection of all or part of components against various processes (sandblasting, shot peening, painting, etc.). Protective forms ensure exceptional repeatability.

5 Holding, Clamping or Reinforcing

Plastiform products allow for reinforcement, stabilization and clamping of various components. They can be used to reduce vibrations or reinforce delicate parts during processing.

NEW !

6 Plug Gauge Protection

Create custom protection for your gauges, threaded rings, and cutting tools in seconds to protect your sensitives tools against shock and corrosion. Safe and Clean, act like a shield

Technical Sheets

Need detailed technical information?

Find all our technical sheets and safety data sheets on our website by scanning this QR code or going to:

www.plastiform.info/en/safety-data-sheet-technical-sheet