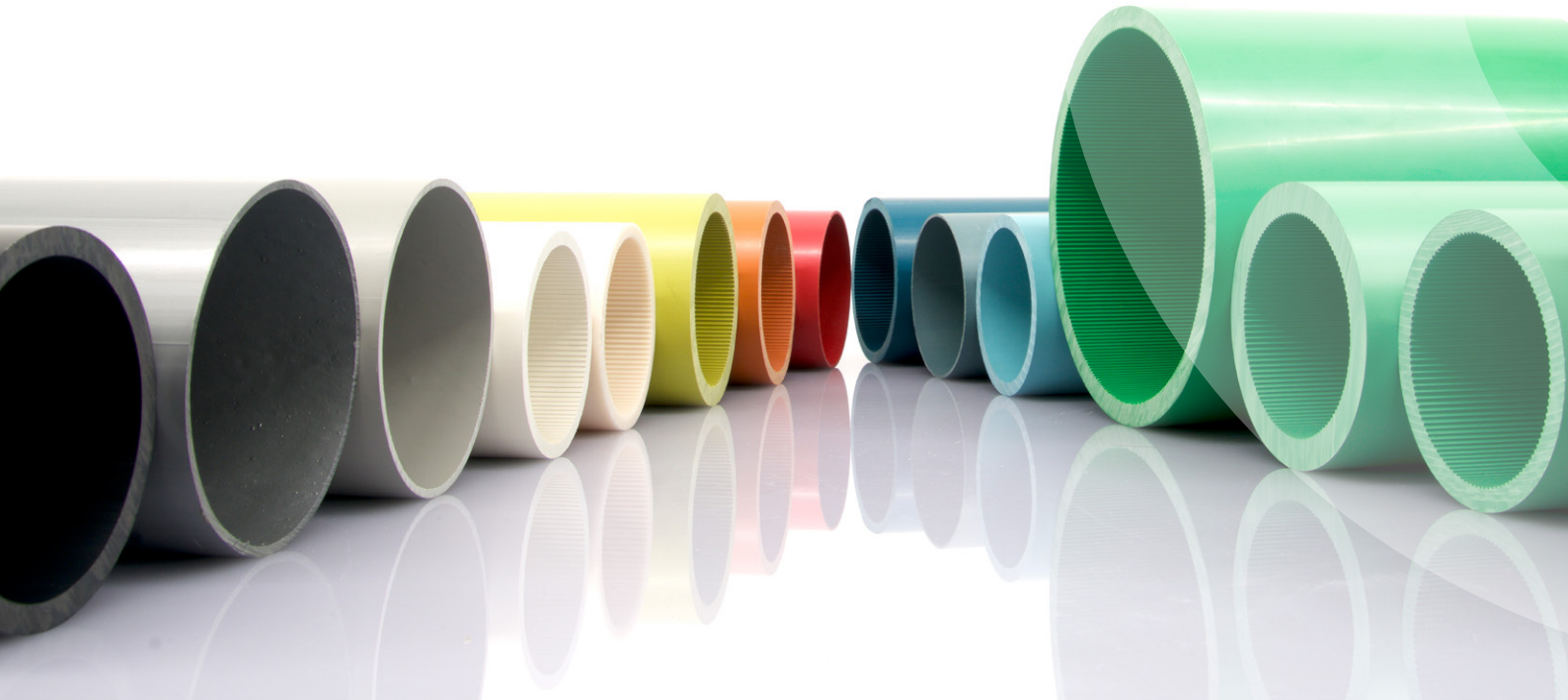




Recycled PVC Cores



New life to PVC

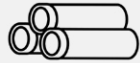
since 1958

Leader in Italy and Europe, Laborplast operates in the production of recycled PVC cores and compound and PVC rods.

Laborplast S.p.A. was founded in 1958 in a small factory in Sacconago - Busto Arsizio, in the province of Varese.



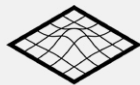
More than
60 EMPLOYEES



30,000 TONNES
of raw material
processed



6,500 Kg
production capacity per hour



35,000 m²
area



12
production lines



Products

Giving new life
to **PVC**

Laborplast produces 3 main
types of products:

RECYCLED PVC

Cores

Mainly intended for winding flexible packaging, agricultural sheeting and non-woven fabrics.



RECYCLED PVC

Compound

Intended to produce extruded and moulded items for the construction and manufacturing sectors.



PVC

Rods

They are used for various applications: mechanical, chemical, electrical and design.





Laboratory

Since 2017, **an in-house lab for physical-mechanical, rheological and colorimetric tests** has allowed the testing of compression, tensile, three-point bending, MVR, MFR, VST, HDT, Charpy and Izod impact resistance, thermal stability, rheology, molecular composition of materials.



Volume (µl)	Concentration (µg/ml)
2.0	0.4
2.5	0.5
3.0	0.6
3.5	0.7
4.0	0.8

Recycled PVC

Cores

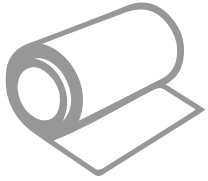


Recycled PVC **cores** are manufactured from an internally produced UPVC-RI-EPI compound. This raw material guarantees excellent mechanical and aesthetic features, comparable to virgin PVC, but with a lower environmental impact.

Its application is extremely varied: around 90 per cent of the cores are used for winding industrial flexible packaging, agricultural film, woven and non-woven geotextiles.

The remaining part of the market is divided between the construction sector and abrasive manufacturers. Pipes have outside diameters from 25 mm to 177 mm and thicknesses varying between 1 mm and 13 mm; the largest productions are 3, 5 and 6 inch inside diameters (76, 128 and 152 mm).

Each production batch is tested in our in-house laboratory before being shipped to the customer.



INDUSTRIAL CORE
Industrial
packaging core



INDUSTRIAL CORE - Industrial packaging core

This product line is designed for manufacturers of **industrial packaging film**. The products for this application are generally cores of medium to high thickness, capable of withstanding high mechanical stress. **INDUSTRIAL CORE** products are available in different diameters and inner wall finishes – multi-stripped, smooth, wavy and corrugated.

The **industrial cores** required for this market are:

DIAMETER	THICKNESS (mm)	WEIGHT (kg/m)	INNER WALL	F def 3% (N)	F def 5% (N)	Breaking F (N)
76x88	6.0	2.0-2.5	smooth, multi-stripped	900	1300	2500
76x90	7.0	2.5-3.0	smooth, multi-stripped	1500	2100	3100
76x92	8.0	3.0-3.5	smooth, multi-stripped	2100	3400	4500
76x94	9.0	3.5-4.0	smooth, multi-stripped	2800	3900	5500
76x97	10.5	4.0-4.5	multi-stripped	3900	5600	7000
76x100	12.0	5.0-5.5	multi-stripped	5100	6900	8500
76x103	13.5	6.0-6.5	smooth, multi-stripped	8000	12000	13500
128x146	9.0	6.0-6.5	smooth, striped	1500	2300	3700
152x170	9.0	7.0-7.5	smooth, multi-stripped	1300	2000	4000
152x172	10.0	7.5-8.0	smooth, multi-stripped	1700	2400	4900
152x177	12.5	9.5-10	smooth, striped, multi-stripped	2500	3000	5700

Minimum recycled percentage: 40%

Other diameters and internal finishes are available upon request.

The values specified are examples and not exhaustive, they change as the diameter and inner wall vary.



AGRIFILMA
Agricultural film core



AGRIFILMA - Agricultural film core

This low-cost product line is designed for manufacturers of **agricultural film**, particularly for greenhouses and mulching.

AGRIFILMA cores are low thickness, with a smooth or multi-striped inner wall. Usually, the cores required for this market are:

DIAMETER	THICKNESS (mm)	WEIGHT (kg/m)	INNER WALL	F def 3% (N)	F def 5% (N)	Breaking F (N)
76x84	4.0	1.2-1.6	smooth	400	550	1500
128x140	6.0	3.6-4.0	smooth, striped	600	800	2000
128x143	7.5	4.8-5.2	smooth, striped	1100	1500	2600
152x165	6.5	5.3-5.6	smooth, striped, multi-striped	700	900	2100

Minimum recycled percentage: 40%

Other diameters and internal finishes are available upon request.

The values specified are examples and not exhaustive, they change as the diameter and inner wall vary.



TEXTURA
Textile and
geotextile core



TEXTURA - Textile and geotextile core

This product line is intended for manufacturers of **woven and non-woven geotextiles, geomembranes and nets**.

TEXTURA cores are low thickness and have a smooth inner wall. Usually, the cores required for this market are:

DIAMETER	THICKNESS (mm)	WEIGHT (kg/m)	INNER WALL
38x45	3.5	750	smooth
50x55	2.5	700	smooth
55x61	3.0	900	smooth
70x77	3.5	1300	smooth
77x80	1.5	600	smooth
80x84	2.0	800	smooth
85x90	2.5	900	smooth
105x110	2.5	1300	smooth
120x125	2.5	1500	smooth

Minimum recycled percentage: 40%

Other diameters and internal finishes are available upon request.

The values specified are examples and not exhaustive, they change as the diameter and inner wall vary.



STRUCTURA
Building pipe



STRUCTURA - Building pipe

This product line is intended for the **construction sector**. PVC pipes are generally used on construction sites.

STRUCTURA pipes have a smooth inner wall and are available in the following diameters:

DIAMETER	THICKNESS (mm)	WEIGHT (kg/m)	INNER WALL
19x25	3.0	300	smooth
50x60	5.0	1400	smooth
70x80	5.0	1900	smooth
85x90	2.5	900	smooth
105x110	2.5	1300	smooth
120x125	2.5	1500	smooth
150x160	5.0	3900	smooth
155x160	2.5	1800	smooth

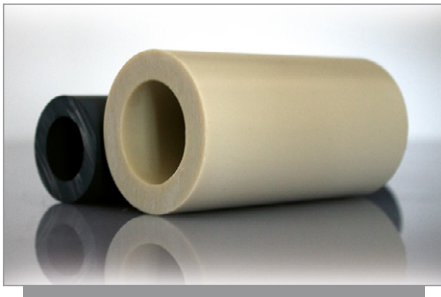
Minimum recycled percentage: 40%

Other diameters and internal finishes are available upon request.

The values specified are examples and not exhaustive, they change as the diameter and inner wall vary.



BRUSH IT!
Brushes and
abrasive core



BRUSH IT! - Brushes and abrasives core

This product line is for manufacturers of **brushes and abrasives**.

BRUSH IT! pipes have a smooth inner wall and are available in the following diameters:

DIAMETER	THICKNESS (mm)	WEIGHT (kg/m)	WEIGHT (gm)	INNER WALL
19x46	13.5	2.0-2.5	2200	smooth
27x48	10.5	2.5-3.0	200	smooth
40x50	5.0	3.0-3.5	1200	smooth
50x60	5.0	3.5-4.0	1500	smooth
72x92	8.0	4.0-4.5	3500	smooth
115x130	7.5	5.0-5.5	4900	smooth

Minimum recycled percentage: 40%

Other diameters and internal finishes are available upon request.

The values specified are examples and not exhaustive, they change as the diameter and inner wall vary.



Sustainability

Sustainability is our everyday business

People, Planet, Profit

Sustainability is a challenge that sees Laborplast at the forefront in addressing the environmental and social impact on its employees and the external community.

Laborplast sees future as the result of a joint project, where sustainability is systemic and directly involves environmental, social and economic development. This is known as the 3P Strategy, or “Triple Bottom Line”.

Certifications



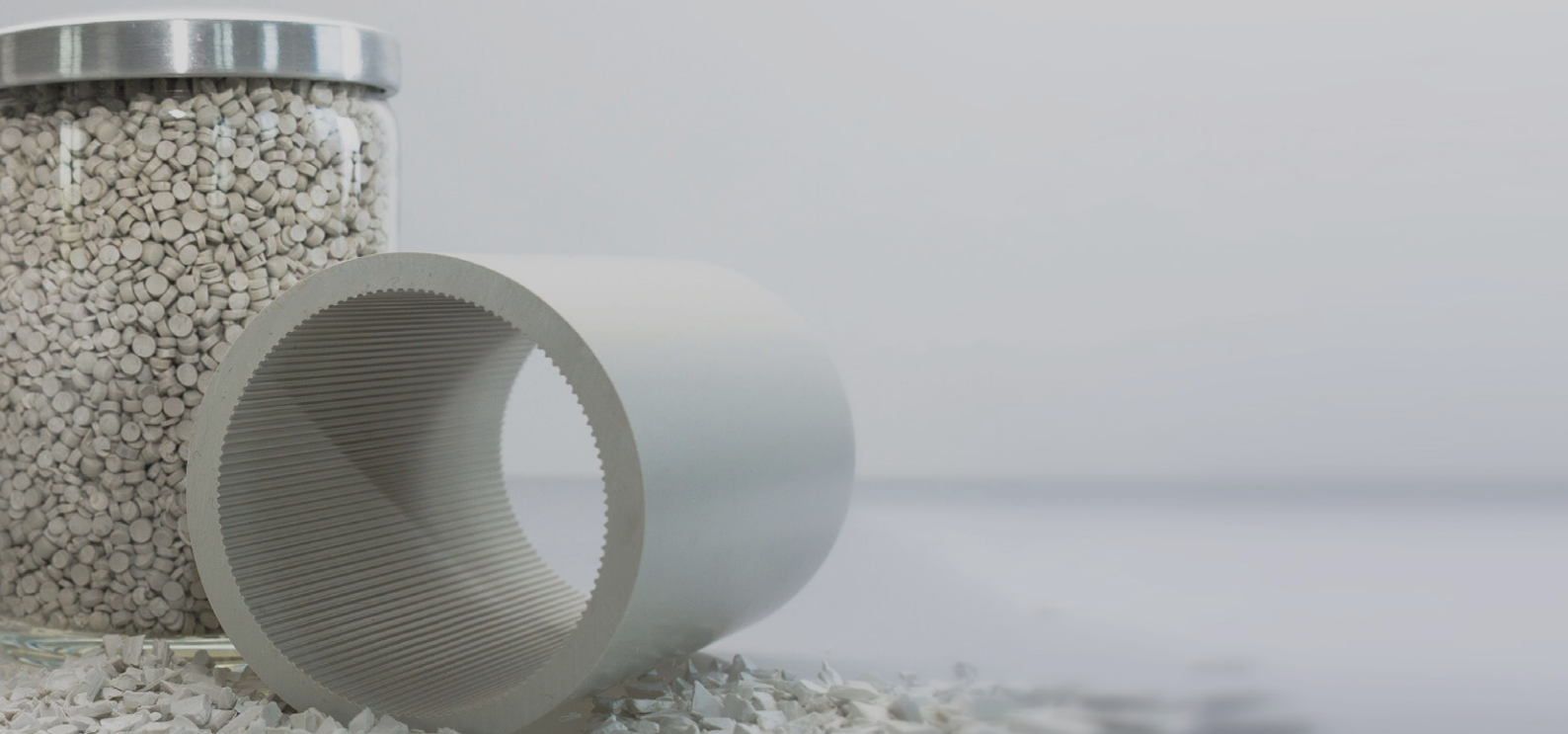
PLASTIC SECOND LIFE Mix Eco

This certification identifies products obtained from recycled plastic materials from separate collection and/or industrial waste.

Particularly, Laborplast guarantees the following percentages:

- **30%** for UPVC-PR-EPI, UPVC-PR-EPR, UPVC-PR-INJ compounds
- **40%** for 1-T-RI cores and UPVC-RI-EPI compounds
- **50%** for UPVC-RI-EPR, UPVC-RI-INJ compounds





ISO 9001:2015
(Quality)



ISO 14001:2015
(Environment)



ISO 45001:2018
(Safety)



ISO 50001:2018
(Energy)

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