

News and Innovations 02/2024

Your vision – our technology:

## Test your newly developed material composites in our technical center

We will gladly accept your appointment request for trial:

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Bellaform  
Multi Layer Extrusion Line



Gravimetric throughput recording  
and control

### Your benefits:

- + Tests and sample production of smooth pipes Ø 4–28 mm, in up to 5 layers
- + Diverse raw material combinations and layer structures are possible
- + Higher product quality by efficient tool and system technology
- + Stable production, lower production costs
- + Clear reduction of the rejects production
- + Quick and indicative error analysis, seamless
- + Seamless tracking of the quality and production data

## Technical details:

- Speed up to 100 m/min
- Variable use of the extruders in different positions by smart plug- in system with automatic recognition
- Measuring systems from renowned manufacturers
- Process data collection module and process data analysis tool
- Superordinate central control of the extruder (Industry 4.0)
- Energy-saving and noise-reducing vacuum tank
- Gravimetric throughput recording and control
- Cutter
- Complete follow-up

## Typical multi layer products:

From the inside out:	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5
<b>3-Layer</b>	PA12 / PA612	Adhesive	PP		
	PA12 / PA612	EVOH	PA6 / PP		
	HDPE	Adhesive	HDPE		
	TPV	PP/PA	TPV		
	PA12	ETFE	ETFE conductive		
<b>4-Layer</b>	PA11	PA12	PA9T	PA9T conductive	
<b>5-Layer</b>	PA12	PA Adhesive	EVOH	PA Adhesive	PA12 / PA6
	HDPE	Adhesive	EVOH	Adhesive	PA12/PA612
	PA6	EVOH	PA6	Adhesive	PA12
	TPV	Adhesive	PA12	Adhesive	TPV
	PP	Adhesive	PA12	Adhesive	PP
	PA12	Adhesive	EVOH	Adhesive	ETFE conductive
	PA11	Adhesive	EVOH	Adhesive	PA11 conductive

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