





FAST - EFFICIENT - RELIABLE

ABOUT US

In 1990, Mr. Wolfgang Freiler founded the company named after him. From the beginning, the company focused on plastics engineering, including raw materials, finished parts and pipes.

In 1995 the Hungarian-based production company Polytech Industrie Kft was acquired. Today it is wholly owned by the Wolfgang Freiler GesmbH. Both companies have been continuously developed, in terms of production range as well as opening up new markets. Today the company is based on two strong pillars: pipe systems and industrial products.



The pipe systems sector encompasses a large number of products for civil engineering. In particular the company has achieved a leading market position in the segment of PE-HD cable protection pipes and is well recognized far beyond the borders by now. Well-known companies in Germany and abroad in the fields such as telecommunications, energy, railway, road, tunnel and forest road construction, appreciate the reliable quality of the Freiler/Polytech pipes as well as the extensive consulting and delivery service. Drinking and waste water pipes, heavy-duty sewage pipes and fittings complete the delivery program.

In the area of industrial products the focus lies on raw materials for the plastics processing industry on the one hand and the development of technical parts for the manufacturing industry on the other hand.

Of course quality and a comprehensive service packages combined with punctual deliveries are the key success factors here as well.

The names Freiler and Polytech stand for excellent quality, customer-oriented service and flexibility. This flexibility also means being able to react quickly to market changes and technological advances. The fast and cost-effective expansion of FTTX networks for example is such a highly current topic. Our new microtube production facility, which went into operation in November 2017, enables us to provide our customers with a full range of products for broadband expansion. We are happy to respond to special customer requests and requirements in the further development of our products.







Property	Value	Tolerance	Standard			
Material	HDPE polyethylene					
Density	> 0,95 g/cm ³		EN ISO 1183			
MFR _{190°C/5kg} (flow index)	0,1-1,0 g/10 min		EN ISO 1133			
Ovality / coiled	max 5%					
Blowing pressure	10 bar (thinwall) 16 bar (direct bury)					
Elongation at rupture	> 350 %					
UV resistance	1 year (assuming Central European climate)					
Bending radius	>20 x 0D, at 20 °C; >35 x 0D, at 10 °C; >50 x 0D, at 0 °C					
Testing pressure	12 bar, 2 hours, 35 °C					
Tensile strength	14 N/mm²					
Colour	transparent, with coextruded stripes					
Printing	MICRODUCT POLYTECH PEHD outer diameter x wall thickness production date, shift, machine, metre (repeated at intervals of 1m)					
Colour of printing	black					

4 FREILER POLYTECH PIPE SYSTEMS



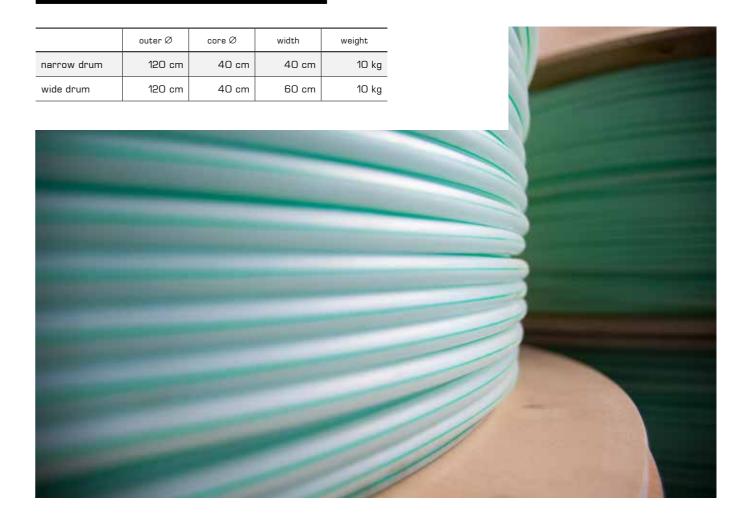


outer diameter	wall thickness	m/drum	drums/ truck	drums/ pallet	m/drum	drums/ truck	drums/ pallet	direct	t bury
mm	mm	narro	narrow drum 120/40/40		wide drum 120/40/60		yes	no	
7	0,75	6 000	88	4					•
7	1,50	6 000	88	4				•	
8	1,00	5 000	88	4					•
10	1,00	3 000	88	4					•
10	2,00	3 000	88	4				•	
12	1,00	2 000	88	4	3 500	66	3		•
12	1,10	2 000	88	4	3 500	66	3		•
12	2,00	2 000	88	4	3 500	66	3	•	
14	1,30	1500	88	4	2 500	66	3		•
14	2,00	1500	88	4	2 500	66	3	•	
16	1,50	1200	88	4	1 800	66	3		
16	2,00	1200	88	4	1 800	66	3	•	
18	1,50	1000	88	4	1 400	66	3		
18	2,00	1000	88	4	1 400	66	3	•	
20	2,00	750	88	4	1 200	66	3		•
20	2,50	750	88	4	1 200	66	3	•	

Outer diameter: 7 mm-20 mm
Outside smooth, inside ribbed
Transparent, with 4 coloured stripes, colour code:
According to Standard DIN/VDE 0888
Material quality: HDPE virgin material
UV resistance: 1 year (assuming Central European climate)



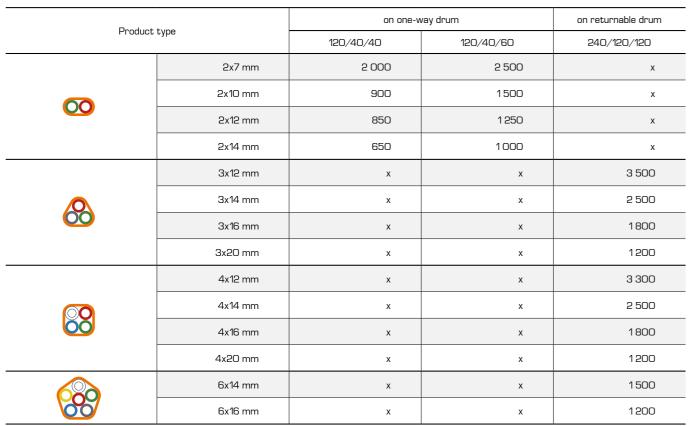
ONE-WAY WOODEN DRUMS



6 FREILER POLYTECH PIPE SYSTEMS









Product type		on one-w	on returnable drum	
		120/40/40	120/40/40 120/40/60	
	7x7 mm	х	x	5 000
	7x10 mm	х	x	3 250
	7x12 mm	х	х	2 200
	7x14 mm	х	х	1500
	7x16 mm	х	х	1200
	12x7 mm	х	х	3 800
	12x10 mm	х	x	1700
	12x12 mm	х	х	1050
	9x7 mm + 1x12 mm	х	х	3 500
	9x7 mm + 1x14 mm	х	х	2 500
	24x7 mm + 1x14 mm	х	х	1500
	12x7 mm + 1x14 mm	x	x	2 500

Wall thickness of bundling foil: 0,8 mm ± 0,2 mm
Colour of bundling foil: orange
Colour: transparent, with 4 coloured stripes
Delivery: on multi-way or on one-way drums
UV resistance: 1 year (assuming Central European climate)

8 FREILER POLYTECH PIPE SYSTEMS



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QUALITY CONTROL

The satisfaction of our customers is our most important objective, therefore a lot of emphasis is put on the quality of our products. The modern laboratory of Polytech Industrie Kft. enables all necessary tests to be carried out in accordance with the well-known DIN standards as well as ÖNORMEN and EN standards (e.g. DIN16876, DIN16874, EN12201, ÖNORM6513, etc.). Only the best quality products can pass our strict quality control. Polytech Industrie Kft has a certified quality management system according to EN ISO 9001: 2015. Furthermore, we ourselves or together with our partners have various certifications such as ENI and DVGW for gas and water with which we can supervise our customers.



10 FREILER POLYTECH PIPE SYSTEMS FREILER POLYTECH PIPE SYSTEMS 11



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