

POLYAMIDE 12 FLEXAMIDE

MARKING Our standard marking is:

6x8 mm ▼ Internal Ø External Ø	-	FLEXAMIDE ▼ Product name	-	PA12 HIPHL ▼ Raw material	-	DIN 73378/74324 ▼ Standard	-	F504042025 ▼ Batch number
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PRESSURE VARIATION ACCORDING TO TEMPERATURE

PA12PHL

Temp	+23°C	+30°C	+40°C	+50°C	+60°C	+70°C	+80°C	+90°C	+100°C	+110°C	+120°C	+130°C
% Pressure*	100	87	74	64	57	52	47	44	40	36	33	30

PA12HIPHL

Temp	+23°C	+30°C	+40°C	+50°C	+60°C	+70°C	+80°C	+90°C	+100°C	+110°C	+120°C	+130°C
% Pressure*	100	83	71	62	55	49	45	41	37	34	31	29

PA12PHLY

Temp	+23°C	+30°C	+40°C	+50°C	+60°C	+70°C	+80°C	+90°C	+100°C	+110°C	+120°C	+130°C
% Pressure*	100	85	73	65	59	54	50	47	43	39	35	31

PA12HL

Temp	+23°C	+30°C	+40°C	+50°C	+60°C	+70°C	+80°C	+90°C	+100°C	+110°C	+120°C	+130°C
% Pressure*	100	81	61	50	44	39	34	31	28	26	23	21

TOLERANCES

The tolerances on external diameter,
according to DIN 73378/74324, are:

External diameter from 4 to 10 mm ± 0.1 mm

External diameter from 11 to 20 mm ± 0.15 mm

Tubes with narrow tolerances are available upon special request.

OPERATING TEMPERATURE

-40°C / 130°C

POLYAMIDE 12 FLEXAMIDE

Petrol bazlı Poliamid 12 (PA12)'den üretilen FLEXAMIDE hortumlar -40°C ile +130°C arasında mükemmel mekanik ve kimyasal mukavemete sahiptir ve DIN 73378 ve DIN74324 standartlarına uygundur.

FLEXAMIDE tubes, made from petroleum-based Polyamide 12 (PA12), offer excellent mechanical and chemical resistance from -40°C to +130°C and fully comply with DIN 73378 and DIN 74324 standards.

TR Natural BL Black BU Blue RD Red YL Yellow GR Green

Other colours upon request

				PA 12				STANDARDS	
				PHL	HIPHL	PHLY	HL		
Ø External mm	Ø Internal mm	Thickness mm	Bend radius mm	Burst pressure at 23°C in bar*				DIN 74324 Black tubes	DIN 73378 Colored tubes
4	2.5	0.75	20	93	102	126	186		•
4	2.3	0.85	20	108	120	147	216		•
4	2	1	20	132	147	180	267	•	•
5	3	1	30	99	111	135	201		•
6	4	1	30	81	87	108	159	•	•
6	3	1.5	40	132	147	180	267		•
6	2	2	40	201	219	270	399		•
8	6	1	40	57	63	78	114	•	•
8	5.5	1.25	40	75	81	99	147		•
8	5	1.5	40	93	102	126	186		•
8	4	2	40	132	147	180	267		•
9	6	1.5	45	81	87	108	159	•	•
10	8	1	60	45	48	60	90	•	•
10	7.5	1.25	60	57	63	78	114	•	•
10	7	1.5	60	75	72	96	141		•
11	8	1.5	60	63	69	84	126	•	•
12	9	1.5	60	57	63	78	114	•	•
12	8	2	60	81	87	108	159		•
12.5	10	1.25	65	45	48	60	90		•
14	10	2	75	66	72	90	132	•	•
15	13	1	90	30	30	39	57		•
15	12	1.5	90	45	48	60	90	•	•
16	12	2	95	57	63	78	114	•	•
18	14	2	100	51	54	69	99	•	•
20	16	2	180	45	48	60	90		•

Burst pressure/operating pressure ratio: 3:1*

Other sizes upon request

*Referred to the nominal diameter of the product