

846301 – POLYAMIDE TUBINGS

MECALINE Polyamide Tubings are made by high-performance long-chain polyamides for industrial and automotive applications, offering:



- Very good dimensional stability
- Very good chemical and mechanical resistances
- Large working temperature (from -60°C to +130°C)
- Excellent hydrolysis resistance
- Good flexibility
- Excellent cold impact resistance (-70°C)

GISS Polyamide Tubings have been certified by TÜV SÜD and fulfil all requirements of ISO 7628/2010, DIN 74324 and DIN 73378 specifications. They offer a unique solution for the automotive market (compressed air braking system and fuel supply), the tire market, and transport fluids at low pressure.

Dimensions

Internal Diameter (mm)	External Diameter (mm)	Wall (mm)	Working Pressure at 23°C (Bar)	Burst Pressure (Bar)	Bending Ration (mm)	CODE 25m	CODE 100m	Colour
2.7	4	0.65	27	81	25	846308	846335	Blue
2.7	4	0.65	27	81	25	846314	846338	Black
2.7	4	0.65	27	81	25	846302	846332	White
2.7	4	0.65	27	81	25	846320		Yellow
2.7	4	0.65	27	81	25	846324		Green
2.7	4	0.65	27	81	25	846328		Red
4	6	1	28	84	35	846309	846336	Blue
4	6	1	28	84	35	846315	846339	Black
4	6	1	28	84	35	846303	846333	White
4	6	1	28	84	35	846321		Yellow
4	6	1	28	84	35	846325		Green
4	6	1	28	84	35	846329		Red
6	8	1	20	60	40	846310	846337	Blue
6	8	1	20	60	40	846316	846340	Black
6	8	1	20	60	40	846304	846334	White
6	8	1	20	60	40	846322		Yellow
6	8	1	20	60	40	846326		Green
6	8	1	20	60	40	846330		Red
8	10	1	16	48	60	846311		Blue
8	10	1	16	48	60	846317		Black
8	10	1	16	48	60	846305	853577	White
8	10	1	16	48	60	846323		Yellow
8	10	1	16	48	60	846327		Green
8	10	1	16	48	60	846331		Red

Internal Diameter (mm)	External Diameter (mm)	Wall (mm)	Working Pressure at 23°C (Bar)	Burst Pressure (Bar)	Bending Ration (mm)	GISS 25m	GISS 100m	Colour
10	12	1	13	39	85	846312		
10	12	1	13	39	85	846318		
10	12	1	13	39	85	846306	885883	
12	14	1	11	33	86	846307		

Physical Characteristics:

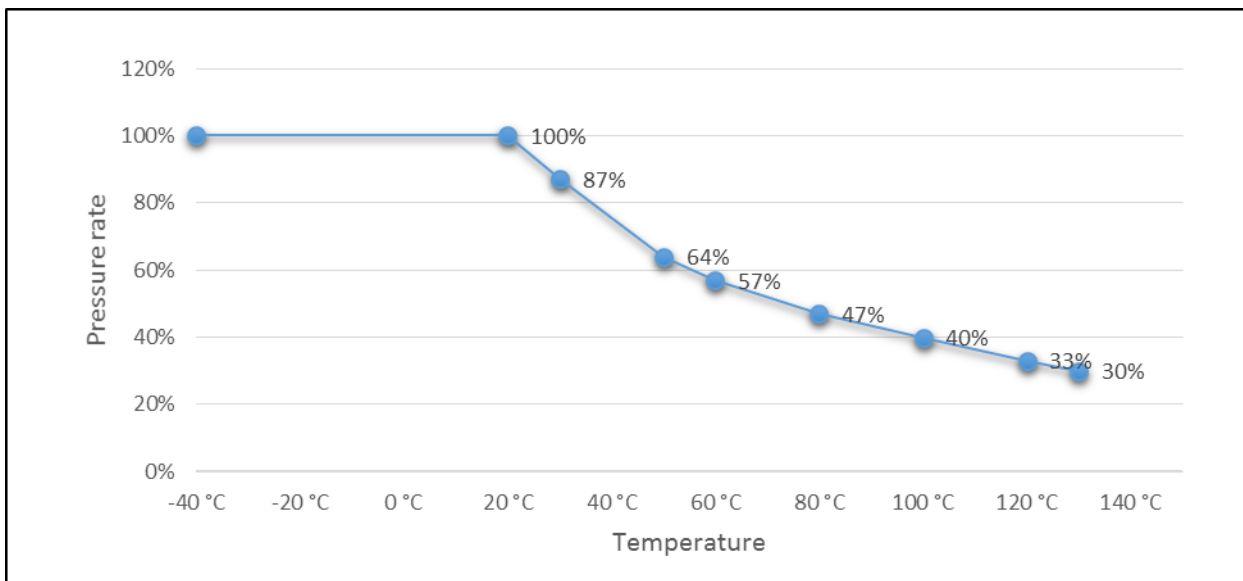
Temperature Range: from -60°C to +130°C

Tolerance on external diameter:

From 3 mm to 10 mm : +/- 0.10 mm

From 11 mm to 22 mm : +/- 0.15 mm

Pressure variation as fusion of the temperature:



Chemical Compatibility

For more information, see the Chemical Compatibility Table for Tubings.