

PA 12 PHL MB-LONGLIFE®

Plasticized PA 12 PHL linear flexible hose, light and heat stabilized for industrial and automotive applications.

FEATURES

Flexible linear **PA 12 PHL** tubes of petrochemical origin, are the most common solution when the application requires **flexibility, resistance to temperatures, weathering, oils and hydrolysis**. The excellent mechanical and chemical properties allow its use in numerous industrial and automotive applications. This product is part of the **MB-LONGLIFE®** product series. This includes the products that MEBRA has selected to cover most **industrial needs**. These tubes are produced from plasticized flexible 12 PHL polyamide, stabilized in light and heat, to meet DIN 73378/74324 regulations.

SECTORS

INDUSTRIAL

AUTOMOTIVE

NORMS AND DECLARATIONS

DIN 74324

DIN 73378

ISO 7628:2010

APPLICATIONS

INDUSTRIAL AUTOMATION

VACUUM

MACHINE TOOLS

ROBOTICS

DISINFESTATION

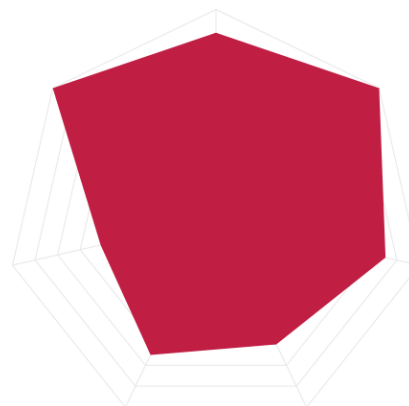
PETROLEUM DERIVATIVES TRANSFER

CLUTCH SYSTEMS

AIR BRAKE SYSTEMS

HYDROLYSIS RESISTANCE

CHEMICAL RESISTANCE



Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
PA2X4	2 mm	4 mm	1 mm	15 mm	44 BAR	N BS A R T V
PA2.5X4	2.5 mm	4 mm	0.75 mm	15 mm	30 BAR	N BS A S R T
PA2.7X4	2.7 mm	4 mm	0.65 mm	20 mm	25 BAR	N BS A R T V
PA3X5	3 mm	5 mm	1 mm	20 mm	33 BAR	N A T
PA3X6	3 mm	6 mm	1.5 mm	20 mm	44 BAR	N R T
PA4X6	4 mm	6 mm	1 mm	30 mm	26 BAR	N BS A S R AR G T V V
PA4.35X6.35	4.35 mm	6.35 mm	1 mm	30 mm	24 BAR	N VS A GR M BL T
PA5X8	5 mm	8 mm	1.5 mm	30 mm	30 BAR	N BS A R T
PA6X8	6 mm	8 mm	1 mm	50 mm	19 BAR	N BS A R G T V
PA7X10	7 mm	10 mm	1.5 mm	50 mm	23 BAR	N A T
PA7.5X10	7.5 mm	10 mm	1.25 mm	60 mm	19 BAR	N A T
PA8X10	8 mm	10 mm	1 mm	80 mm	14 BAR	N BS A R G T V
PA9X12	9 mm	12 mm	1.5 mm	75 mm	19 BAR	N BS A R G T V
PA10X12	10 mm	12 mm	1 mm	115 mm	12 BAR	N BS A R G T
PA10X14	10 mm	14 mm	2 mm	75 mm	22 BAR	N A T
PA11X14	11 mm	14 mm	1.5 mm	100 mm	16 BAR	N A R T
PA12X14	12 mm	14 mm	1 mm	155 mm	10 BAR	N BS A R G T
PA12X15	12 mm	15 mm	1.5 mm	115 mm	14 BAR	N A R G T

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
PA12X16	12 mm	16 mm	2 mm	95 mm	19 BAR	N A T
PA12.5X15	12.5 mm	15 mm	1.25 mm	140 mm	12 BAR	N BS A T
PA13X16	13 mm	16 mm	1.5 mm	130 mm	13 BAR	N A T
PA14X16	14 mm	16 mm	1 mm	205 mm	8 BAR	N T
PA14X18	14 mm	18 mm	2 mm	125 mm	16 BAR	N T
PA15X18	15 mm	18 mm	1.5 mm	170 mm	12 BAR	N T
PA18X22	18 mm	22 mm	2 mm	185 mm	13 BAR	N A T B
PA19X22	19 mm	22 mm	1.5 mm	255 mm	9 BAR	A T

PRESSURE/TEMPERATURE

Operating temperature: from -40°C to 80°C

Safety factor on working pressure: 3:1

Here on the side: Graph of pressure drop expressed as a % in relation to temperature

