

PA 12 HIPHL MB-LONGLIFE® MULTI-TUBE

Multitube made with HIPHL polyamide tubes of different colors to allow a simple distinction of the circuits. The best solution to keep the bundle of tubes compact and protected.

FEATURES

Multitube made with **HIPHL polyamide tubes** (flexible plasticized, stabilized to light and heat) of different colors to allow a simple distinction of the circuits. In the versions with 3, 4, 7, 12 and 19 tubes (of the **COVERFLEX®** series) the assembly takes place by stranding, to ensure **maximum flexibility** of the product and to minimize the forces acting on the inner tubes with respect to the radius of curvature applied. Both for the **linear tube** version and for the **COVERFLEX® version**, the **sheath is made of blue ether-based polyurethane**, resistant to abrasion, hydrolysis and microbial attacks (sheath adheres to the internal tubes from which it takes its shape). In the **COVERFLEX®** version the sheath can also be made of black PVC which boasts good flexibility and chemical resistance (round sheath that hides the internal shape).

SECTORS

INDUSTRIAL

AUTOMOTIVE

NORMS AND DECLARATIONS

DIN 74324

DIN 73378

APPLICATIONS

INDUSTRIAL AUTOMATION

VACUUM

CHEMICAL RESISTANCE

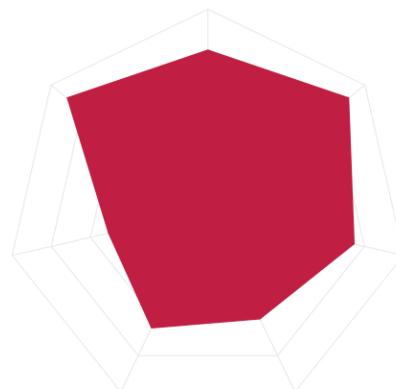
MACHINE TOOLS

ROBOTICS

PETROLEUM DERIVATIVES TRANSFER

AIR BRAKE SYSTEMS

CLUTCH SYSTEMS



ADDITIONAL INFO

MULTITUBES CONFIGURATION

	COD	2	3	4	5	6	7	8	9	10	12	19
COVER FLEX®	R	-			-	-		-	-	-		
NOT TWISTED**							-				-	-
LINEAR*	L	-			-	-	-	-	-	-	-	-

* not roped, subject to availability

** the codes relating to non-stranded multitubes a
3 and 4 tubes refer respectively to T
(triangular) for the three tubes and Q (square) for the 4 tubes.

Find out more about our colors

2-PIPES MULTITUBE

	External Ø (mm)	Internal Ø (mm)	Minimum radius of curvature (mm)	Maximum working pressure (BAR)	NOT TWISTED (mm)
MIPA2X4X2	4	2	xx	44	9x5
MIPA2.7X4X2	4	2.7	xx	25	9x5
MIPA4X6X2	6	4	xx	26	13x7
MIPA6X8X2	8	6	xx	19	18x10
MIPA8X10X2	10	8	xx	14	22x12
MIPA10X12X2	12	10	xx	12	26x14

3-PIPES MULTITUBE

	External Ø (mm)	Internal Ø (mm)	Minimum radius of curvature (mm)	Maximum working pressure (BAR)	COVERFLEX® SHEATH PUR (mm)	COVERFLEX® SHEATH PVC (mm)	NOT TWISTED (mm)	LINEAR (mm)
MIPA2X4X3	4	2	xx	44	-	-	-	13x5
MIPA2.7X4X3	4	2.7	xx	25	10	11	-	13x5
MIPA4X6X3	6	4	xx	26	14	15	14x14	20x8
MIPA6X8X3	8	6	xx	19	18	19	-	26x10

MIPA8X10X3	10	8	xx	14	22	23	-	26x14
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4-PIPES MULTITUBE

	External Ø (mm)	Internal Ø (mm)	Minimum radius of curvature (mm)	Maximum working pressure (BAR)	COVERFLEX® SHEATH PUR (mm)	COVERFLEX® SHEATH PVC (mm)	NOT TWISTED (mm)	LINEAR (mm)
MIPA2X4X4	4	2	xx	44	-	-	-	17x5
MIPA2.7X4X4	4	2.7	xx	25	12	13	-	17x5
MIPA4X6X4	6	4	xx	26	18	19	14x14	26x8
MIPA6X8X4	8	6	xx	19	23.5	25	18x18	-
MIPA8X10X4	10	8	xx	14	29.5	31	22x22	-

5-PIPES MULTITUBE

	External Ø (mm)	Internal Ø (mm)	Minimum radius of curvature (mm)	Maximum working pressure (BAR)	NOT TWISTED (mm)
MIPA2.7X4X5	4	2.7	xx	25	13x8
MIPA4X6X5	6	4	xx	26	20x12
MIPA6X8X5	8	6	xx	19	26x16

6-PIPES MULTITUBE

	External Ø (mm)	Internal Ø (mm)	Minimum radius of curvature (mm)	Maximum working pressure (BAR)	NOT TWISTED (mm)
MIPA2.7X4X6	4	2.7	xx	25	14x10
MIPA4X6X6	6	4	xx	26	20x14
MIPA6X8X6	8	6	xx	19	26x18

7-PIPES MULTITUBE

	External Ø (mm)	Internal Ø (mm)	Minimum radius of curvature (mm)	Maximum working pressure (BAR)	COVERFLEX® SHEATH PUR (mm)	COVERFLEX® SHEATH PVC (mm)
MIPA2.7X4X7	4	2.7	xx	25	14	15
MIPA4X6X7	6	4	xx	26	21	23
MIPA6X8X7	8	6	xx	19	27	29

8-PIPES MULTITUBE

	External Ø (mm)	Internal Ø (mm)	Minimum radius of curvature (mm)	Maximum working pressure (BAR)	NOT TWISTED (mm)
MIPA2.7X4X8	4	2.7	xx	25	14x13
MIPA4X6X8	6	4	xx	26	20x19
MIPA6X8X8	8	6	xx	19	28x26

9-PIPES MULTITUBE

	External Ø (mm)	Internal Ø (mm)	Minimum radius of curvature (mm)	Maximum working pressure (BAR)	NOT TWISTED (mm)
MIPA2.7X4X9	4	2.7	xx	25	14x14
MIPA4X6X9	6	4	xx	26	20x20
MIPA6X8X9	8	6	xx	19	27x27

10-PIPES MULTITUBE

	External Ø (mm)	Internal Ø (mm)	Minimum radius of curvature (mm)	Maximum working pressure (BAR)	NOT TWISTED (mm)
MIPA2.7X4X9	4	2.7	xx	25	18x14
MIPA4X6X9	6	4	xx	26	26x20
MIPA6X8X9	8	6	xx	19	36x26

12-PIPES MULTITUBE

	External Ø (mm)	Internal Ø (mm)	Minimum radius of curvature (mm)	Maximum working pressure (BAR)	COVERFLEX® SHEATH PUR (mm)	COVERFLEX® SHEATH PVC (mm)
MIPA2.7X4X12	4	2.7	xx	25	19	20.5
MIPA4X6X12	6	4	xx	26	27.5	29

19-PIPES MULTITUBE

	External Ø (mm)	Internal Ø (mm)	Raggio di curvatura min (mm)	Maximum working pressure (BAR)	COVERFLEX® SHEATH PUR (mm)	COVERFLEX® SHEATH PVC (mm)
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MIPA4X6X19	6	4	xx	26	34	36
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PRESSURE/TEMPERATURE

Operating temperatures: **from -40 ° C to 80 ° C**

Burst pressure safety factor: **3: 1**

On the side: **Graph of the pressure drop expressed as a% as a function of the temperature**

