

# PA 12 PHL MB-LONGLIFE® Linear flexible hose



PNEUMATIC HOSE

PA 12 PHL MB-LONGLIFE® - Linear flexible hose



## DIN 73378/74324 - RESIN FEATURES

- Polyamide 12 PHL flexible tubing, plasticized, light and heat stabilized
- Produced with raw materials designed to meet DIN 73378/74324 standards

## WORKING PRESSURE

Safety factor 3:1

## COLORS LEGEND\*

\*Other colors subjected to availability or minimum order quantity. Get in touch with our sales to be informed about the instruments that Mebra Plastik makes available to access this information in an independent, simple and fast way



## STANDARD LENGTH

25-50-100 m

## GRADE ALTERNATIVES

- HIPHL flexible

## APPLICATIONS



Industrial automation



Vacuum equipment



Machine tool



Breaking systems truck trailers



Robotics



Cluth system



Chemical resistance



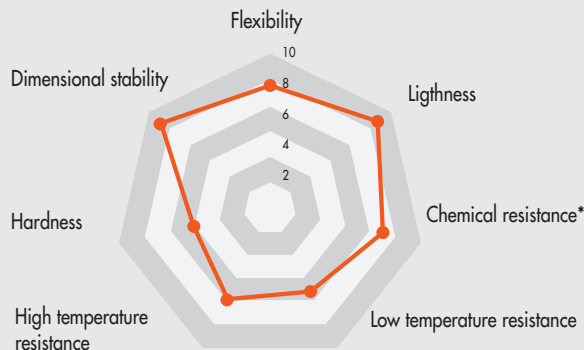
Petroleum based chemical transfer



Pest control lines

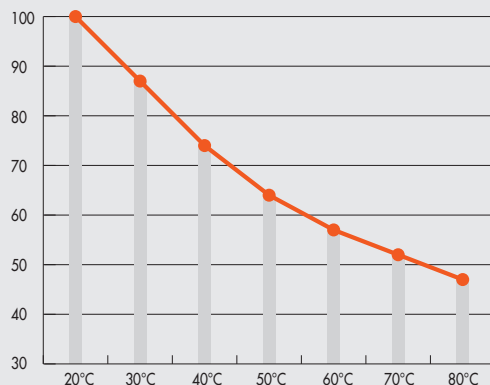
## TECHNICAL FEATURES AT A GLANCE

Tube PA 12 PHL MB-Longlife™



\* End of catalog reference

## PRESSURE VALUES EXPRESSED AS A % IN RELATION TO TEMPERATURE (FROM -40°C TO +80°C)



| Cod.          | Hose dimensions (mm) |             |             | Weight<br>g/m | Working pressure (23°C)<br>BAR | Colors |                        |
|---------------|----------------------|-------------|-------------|---------------|--------------------------------|--------|------------------------|
|               | o Ø e                | i Ø i       | Wall thick. |               |                                |        |                        |
| Z_PA2X4       | DIN                  | 4 ± 0.07    | 2           | 1 ± 0.07      | 9.9                            | 44     | A-BS-G-N-R-T-V         |
| Z_PA2.5X4     | DIN                  | 4 ± 0.07    | 2.5         | 0.75 ± 0.07   | 8                              | 30     | A-BS-G-N-R-S-T         |
| Z_PA2.7X4     |                      | 4 ± 0.07    | 2.7         | 0.65 ± 0.07   | 7.1                            | 25     | A-BS-N-R-T-V           |
| Z_PA3X5       | DIN                  | 5 ± 0.07    | 3           | 1 ± 0.07      | 13.2                           | 33     | A-N-T                  |
| Z_PA3X6       | DIN                  | 6 ± 0.07    | 3           | 1.5 ± 0.07    | 22.2                           | 44     | N-R-T                  |
| Z_PA4X6       | DIN                  | 6 ± 0.07    | 4           | 1 ± 0.07      | 132                            | 26     | A-AR-BS-G-N-R-S-T-V-VC |
| Z_PA4.35X6.35 |                      | 6.35 ± 0.07 | 4.35        | 1 ± 0.07      | 17.6                           | 24     | A-GR-M-N-T-VS          |
| Z_PA5X8       | DIN                  | 8 ± 0.07    | 5           | 1.5 ± 0.07    | 32.1                           | 30     | BS-N-R-T               |
| Z_PA6X8       | DIN                  | 8 ± 0.07    | 6           | 1 ± 0.07      | 23.1                           | 19     | A-BS-G-N-R-S-T-V       |
| Z_PA7X10      | DIN                  | 10 ± 0.07   | 7           | 1.5 ± 0.07    | 42                             | 23     | A-N-T                  |
| Z_PA7.5X10    | DIN                  | 10 ± 0.07   | 7.5         | 1.25 ± 0.07   | 36                             | 19     | A-N-T                  |
| Z_PA8X10      | DIN                  | 10 ± 0.07   | 8           | 1 ± 0.07      | 29.7                           | 14     | A-BS-G-N-R-T-V         |
| Z_PA9X12      | DIN                  | 12 ± 0.1    | 9           | 1.5 ± 0.07    | 51.9                           | 19     | A-BS-G-N-R-T-V         |
| Z_PA10X12     |                      | 12 ± 0.1    | 10          | 1 ± 0.07      | 36.3                           | 12     | A-BS-G-N-R-T-V         |
| Z_PA10X14     | DIN                  | 14 ± 0.1    | 10          | 2 ± 0.07      | 79.2                           | 22     | A-N-T                  |
| Z_PA11X14     |                      | 14 ± 0.1    | 11          | 1.5 ± 0.07    | 61.8                           | 16     | A-N-R-T                |
| Z_PA12X14     |                      | 14 ± 0.1    | 12          | 1 ± 0.07      | 42.9                           | 10     | A-BS-G-N-R-T           |
| Z_PA12X15     | DIN                  | 15 ± 0.1    | 12          | 1.5 ± 0.07    | 66.8                           | 14     | A-N-T                  |
| Z_PA12X16     | DIN                  | 16 ± 0.1    | 12          | 2 ± 0.07      | 92.4                           | 19     | A-N-T                  |
| Z_PA12.5X15   |                      | 15 ± 0.1    | 12.5        | 1.25 ± 0.07   | 56.7                           | 12     | A-BS-N-R-T             |
| Z_PA13X16     |                      | 16 ± 0.1    | 13          | 1.5 ± 0.07    | 71.7                           | 13     | A-N-T                  |
| Z_PA14X16     |                      | 16 ± 0.1    | 14          | 1 ± 0.07      | 49.5                           | 8      | N-T                    |
| Z_PA14X18     | DIN                  | 18 ± 0.1    | 14          | 2 ± 0.07      | 105.6                          | 16     | N-T                    |
| Z_PA15X18     |                      | 18 ± 0.1    | 15          | 1.5 ± 0.07    | 81.6                           | 12     | N-T                    |
| Z_PA18X22     |                      | 22 ± 0.1    | 18          | 2 ± 0.07      | 132                            | 13     | A-B-N-T                |
| Z_PA19X22     |                      | 22 ± 0.1    | 19          | 1.5 ± 0.07    | 101.4                          | 9      | A-T                    |

DIN Complies with DIN 74324 (only black color) and 73378 regulations

Ordering: "Z\_...": please add the unique country code of the relevant MW branch: for details see page 8

## NOTES