

## CONDUCCIÓN DE LÍQUIDOS

### 1. Mangueras para Agua.

#### Fucino - 10

##### CONSTRUCCIÓN DE MANGUERA:

- Tubo: Goma SBR, negra, lisa.
- Refuerzo: Tejido sintético.
- Cubierta: Goma SBR, negra, resistente a abrasión, envejecimiento y climatología.

##### APLICACIONES:

Manguera flexible y ligera para descarga de agua y líquidos no agresivos. Específicamente diseñada para equipo de riego y bombas sumergibles.

##### RANGO DE TEMPERATURA:

- 30°C (-22°F) a + 80°C (+176°F)

##### TOLERANCIAS

###### MANDRIL DE ACERO RMA

##### En diámetro interno:

≤ D.I. 38 mm ± 0,79 mm

> D.I. 38 mm ± 1,59 mm

##### En diámetro externo:

≤ D.E. 102 mm ± 1,59 mm

> D.E. 102 mm ± 2,38 mm

##### Tolerancia en longitud:

± 1%



| Ref. catálogo | Código        | D.I. mm | D.E. mm | MPa | Presión de trabajo |     |     | Presión de rotura |     |      | Peso kg/m |
|---------------|---------------|---------|---------|-----|--------------------|-----|-----|-------------------|-----|------|-----------|
|               |               |         |         |     | psi                | bar | MPa | psi               | bar |      |           |
| 19010001      | IH36203251/40 | 25      | 31      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 0,38 |           |
| 19010002      | IH36203252/40 | 30      | 36      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 0,45 |           |
| 19010003      | IH36203253/40 | 32      | 38      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 0,47 |           |
| 19010004      | IH36203254/40 | 35      | 41      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 0,51 |           |
| 19010005      | IH36203240/40 | 38      | 45      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 0,65 |           |
| 19010006      | IH36203255/40 | 40      | 47      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 0,68 |           |
| 19010007      | IH36203256/40 | 45      | 52      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 0,75 |           |
| 19010008      | IH36203257/40 | 50      | 57      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 0,83 |           |
| 19010009      | IH36203260/40 | 51      | 58      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 0,84 |           |
| 19010010      | IH36203258/40 | 60      | 67      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 0,99 |           |
| 19010011      | IH36203264/40 | 63,5    | 70,5    | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 1,04 |           |
| 19010012      | IH36203259/20 | 70      | 77      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 1,12 |           |
| 19010013      | IH36201101/20 | 75      | 82      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 1,20 |           |
| 19010014      | IH36203265/20 | 76      | 83      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 1,21 |           |
| 19010015      | IH36203261/20 | 80      | 87      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 1,27 |           |
| 19010016      | IH36203262/20 | 90      | 97      | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 1,42 |           |
| 19010017      | IH36203263/20 | 100     | 108     | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 1,78 |           |
| 19010018      | IH36203284/20 | 102     | 110     | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 1,82 |           |
| 19010019      | IH36203267/20 | 120     | 128     | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 2,12 |           |
| 19010020      | IH36200109/20 | 150     | 160     | 1,0 | 150,0              | 10  | 3,0 | 450,0             | 30  | 3,29 |           |

# Prescord N/R 6 - 10

## TOLERANCIAS

Según UNI EN ISO 1307/97

| En diámetro interno:    |           |
|-------------------------|-----------|
| ≤ D.I. 5 m:             | ± 0,60 mm |
| D.I. 6 - 20 mm:         | ± 0,80 mm |
| D.I. 22 - 25 mm:        | ± 1,20 mm |
| > D.I. 25 mm:           | ± 1,60 mm |
| Tolerancia en longitud: |           |
|                         | ± 1%      |

## CONSTRUCCIÓN DE MANGUERA:

- Tubo: Goma SBR, negra, lisa.
- Refuerzo: Hilado sintético.
- Cubierta: Goma SBR / EPDM, negra (N), rayada (R) y resistente a abrasión, envejecimiento y climatología.

## APLICACIONES:

Para descarga de agua y líquidos no agresivos en muchas aplicaciones industriales y agrícolas.

## RANGO DE TEMPERATURA:

- 30°C (-22°F) a + 80°C (+176°F)

## PRESCORD N/R6

| Ref. catálogo | Código         | D.I. mm | D.E. mm | Presión de trabajo |      |     | Presión de rotura |       |     | Peso kg/m | Mín. radio curvatura mm |
|---------------|----------------|---------|---------|--------------------|------|-----|-------------------|-------|-----|-----------|-------------------------|
|               |                |         |         | MPa                | psi  | bar | MPa               | psi   | bar |           |                         |
| 19010021      | IH30112129/100 | 8       | 13      | 0,6                | 90,0 | 6   | 1,8               | 270,0 | 18  | 0,12      | 50                      |
| 19010022      | IH30112140/100 | 10      | 15      | 0,6                | 90,0 | 6   | 1,8               | 270,0 | 18  | 0,14      | 60                      |
| 19010023      | IH30112106/100 | 12      | 17      | 0,6                | 90,0 | 6   | 1,8               | 270,0 | 18  | 0,17      | 70                      |
| 19010024      | IH30112139/100 | 15      | 21      | 0,6                | 90,0 | 6   | 1,8               | 270,0 | 18  | 0,25      | 90                      |
| 19010025      | IH30112107/50  | 18      | 25      | 0,6                | 90,0 | 6   | 1,8               | 270,0 | 18  | 0,35      | 110                     |
| 19010026      | IH30112108/50  | 20      | 28      | 0,6                | 90,0 | 6   | 1,8               | 270,0 | 18  | 0,46      | 120                     |
| 19010027      | IH30112131/50  | 22      | 30      | 0,6                | 90,0 | 6   | 1,8               | 270,0 | 18  | 0,49      | 130                     |
| 19010028      | IH30112133/50  | 25      | 33      | 0,6                | 90,0 | 6   | 1,8               | 270,0 | 18  | 0,54      | 150                     |

## PRESCORD N/R10

| Ref. catálogo | Código         | D.I. mm | D.E. mm | Presión de trabajo |       |     | Presión de rotura |       |     | Peso kg/m | Mín. radio curvatura mm |
|---------------|----------------|---------|---------|--------------------|-------|-----|-------------------|-------|-----|-----------|-------------------------|
|               |                |         |         | MPa                | psi   | bar | MPa               | psi   | bar |           |                         |
| 19010029      | IH30112111/100 | 5       | 10,5    | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,10      | 30                      |
| 19010030      | IH30112112/100 | 6       | 13      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,16      | 40                      |
| 19010031      | IH30112115/100 | 7       | 15      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,21      | 40                      |
| 19010032      | IH30116062/100 | 8       | 15      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,19      | 50                      |
| 19010033      | IH30112101/100 | 9       | 16      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,20      | 50                      |
| 19010034      | IH30116063/100 | 10      | 17      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,22      | 60                      |
| 19010035      | IH30112103/100 | 12      | 19      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,26      | 70                      |
| 19010036      | IH30112104/100 | 15      | 23      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,36      | 90                      |
| 19010037      | IH30112136/50  | 18      | 26      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,42      | 110                     |
| 19010038      | IH30112137/50  | 19      | 29      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,57      | 110                     |
| 19010039      | IH30112138/50  | 20      | 30      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,59      | 120                     |
| 19010040      | IH30112132/50  | 22      | 32      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,64      | 130                     |
| 19010041      | IH30112134/50  | 25      | 35      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,71      | 150                     |
| 19010042      | IH30116066/50  | 30      | 42      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 1,00      | 180                     |



### 2. Mangueras de Aceite y Combustible.

## Carbopress® N/L 10 - 20

#### CONSTRUCCIÓN DE MANGUERA:

- Tubo: Goma NBR, negra, lisa.
- Refuerzo: Hilado sintético.
- Cubierta: Goma NBR/EPDM especial, negra, lisa, resistente a abrasión, aceite, combustible y climatología, antiestática (R < 1 MΩ /m).

#### APLICACIONES:

Indicada para combustibles, gasolinas y gasóleos con un contenido aromático que no exceda el 50% y también para grasa.

#### RANGO DE TEMPERATURA:

- 25°C (-13°F) a + 80°C (+176°F)

#### TOLERANCIAS

SEGÚN UNI EN ISO 1307/97

##### En diámetro interno:

≤ D.I. 5 mm: ± 0,60 mm

D.I. 6 - 19 mm: ± 0,80mm

D.I. 25 mm: ± 1,20 mm

**Tolerancia en longitud:** ± 1%



#### CARBOPRESS N/L 10

| Ref. catálogo | Código         | D.I. mm | D.E. mm | Presión de trabajo |       |     | Presión de rotura |       |     | Peso kg/m | Mín. radio curvatura mm |
|---------------|----------------|---------|---------|--------------------|-------|-----|-------------------|-------|-----|-----------|-------------------------|
|               |                |         |         | MPa                | psi   | bar | MPa               | psi   | bar |           |                         |
| 19010043      | IH30501008/100 | 5       | 11      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,12      | 40                      |
| 19010044      | IH30501001/100 | 5       | 12      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,12      | 40                      |
| 19010045      | IH30511003/100 | 6       | 12      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,11      | 50                      |
| 19010046      | IH30511002/100 | 6       | 13      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,14      | 50                      |
| 19010047      | IH30511021/100 | 7       | 13      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,13      | 60                      |
| 19010048      | IH30511016/100 | 8       | 14      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,14      | 65                      |
| 19010049      | IH30501002/100 | 8       | 15      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,17      | 65                      |
| 19010050      | IH30501003/100 | 10      | 17      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,20      | 80                      |
| 19010051      | IH30501004/100 | 13      | 20      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,24      | 105                     |
| 19010052      | IH30501005/100 | 15      | 23      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,32      | 120                     |
| 19010053      | IH30511004/100 | 16      | 23      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,29      | 130                     |
| 19010054      | IH30511007/80  | 18      | 26      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,37      | 150                     |
| 19010055      | IH30501006/40  | 19      | 27      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,39      | 150                     |
| 19010056      | IH30501007/50  | 25      | 35      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,63      | 200                     |

#### CARBOPRESS HH N/L 10

| Ref. catálogo | Código        | D.I. mm | D.E. mm | Presión de trabajo |       |     | Presión de rotura |       |     | Peso kg/m | Mín. radio curvatura mm |
|---------------|---------------|---------|---------|--------------------|-------|-----|-------------------|-------|-----|-----------|-------------------------|
|               |               |         |         | MPa                | psi   | bar | MPa               | psi   | bar |           |                         |
| 19010057      | IH30508000/80 | 19      | 27      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,39      | 150                     |
| 19010058      | IH30508001/40 | 25      | 35      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,63      | 200                     |

#### CARBOPRESS N/L 20

| Ref. catálogo | Código         | D.I. mm | D.E. mm | Presión de trabajo |       |     | Presión de rotura |       |     | Peso kg/m | Mín. radio curvatura mm |
|---------------|----------------|---------|---------|--------------------|-------|-----|-------------------|-------|-----|-----------|-------------------------|
|               |                |         |         | MPa                | psi   | bar | MPa               | psi   | bar |           |                         |
| 19010059      | IH30502001/100 | 6       | 14      | 2,0                | 300,0 | 20  | 6,0               | 900,0 | 60  | 0,17      | 50                      |
| 19010060      | IH30502002/100 | 8       | 17      | 2,0                | 300,0 | 20  | 6,0               | 900,0 | 60  | 0,24      | 65                      |
| 19010061      | IH30502003/100 | 10      | 19      | 2,0                | 300,0 | 20  | 6,0               | 900,0 | 60  | 0,27      | 80                      |
| 19010062      | IH30512006/100 | 13      | 23      | 2,0                | 300,0 | 20  | 6,0               | 900,0 | 60  | 0,38      | 105                     |
| 19010063      | IH30512010/80  | 16      | 26      | 2,0                | 300,0 | 20  | 6,0               | 900,0 | 60  | 0,44      | 130                     |
| 19010064      | IH30512007/80  | 19      | 30      | 2,0                | 300,0 | 20  | 6,0               | 900,0 | 60  | 0,57      | 150                     |
| 19010065      | IH30512009/50  | 25      | 36      | 2,0                | 300,0 | 20  | 6,0               | 900,0 | 60  | 0,71      | 200                     |

# Carbocord 10 - 15

## TOLERANCIAS

### MANDRIL DE ACERO RMA

#### En diámetro interno:

≤ D.I. 38 mm: ± 0,79 mm

> D.I. 38 mm: ± 1,59 mm

#### En diámetro externo:

± 1,59 mm

#### Tolerancia en longitud:

± 1%

## CONSTRUCCIÓN DE MANGUERA:

- Tubo: Goma NBR, negra, lisa. Resistente a aceite y combustible aromático que no exceda el 50%.  
- Refuerzo: Tejidos sintéticos con alambres de cobre integrados que da continuidad eléctrica entre los extremos.

- Cubierta: Goma NBR/SBR, negra, lisa, antiestática ( $R < 1 \text{ M}\Omega / \text{m}$ ), resistente a aceite, combustible, abrasión, envejecimiento y climatología.

## APLICACIONES:

Indicada para suministro de productos petrolíferos con un contenido aromático que no exceda el 50%.

## RANGO DE TEMPERATURA:

- 25°C (-13°F) a + 80°C (+176°F)

Disponible para soportar temperaturas hasta -35°C (-31°F).

## CARBOCORD 10

| Ref. catálogo | Código        | D.I. mm | D.E. mm | Presión de trabajo |       |     | Presión de rotura |       |     | Peso kg/m | Mín. radio curvatura mm |
|---------------|---------------|---------|---------|--------------------|-------|-----|-------------------|-------|-----|-----------|-------------------------|
|               |               |         |         | MPa                | psi   | bar | MPa               | psi   | bar |           |                         |
| 19010066      | IH36522124/40 | 25      | 35      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,66      | 250                     |
| 19010067      | IH36522138/40 | 30      | 41      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,84      | 300                     |
| 19010068      | IH36522133/40 | 35      | 48      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 1,17      | 350                     |
| 19010069      | IH36522110/40 | 38      | 51      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 1,25      | 380                     |
| 19010070      | IH36522131/40 | 40      | 54      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 1,42      | 400                     |
| 19010071      | IH36522136/40 | 45      | 59      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 1,57      | 450                     |
| 19010072      | IH36522144/40 | 48      | 62      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 1,67      | 480                     |
| 19010073      | IH36522128/40 | 51      | 65      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 1,76      | 500                     |
| 19010074      | IH36523109/40 | 60      | 75      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 2,07      | 600                     |
| 19010075      | IH36522112/40 | 63,5    | 79      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 2,32      | 650                     |
| 19010076      | IH36523110/20 | 70      | 86      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 2,55      | 700                     |
| 19010077      | IH36523111/20 | 75      | 91      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 2,79      | 750                     |
| 19010078      | IH36523112/20 | 80      | 96      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 2,95      | 800                     |
| 19010079      | IH36523113/20 | 90      | 106     | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 3,20      | 900                     |
| 19010080      | IH36523114/20 | 100     | 116     | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 3,61      | 1000                    |



## CARBOCORD L10

| Ref. catálogo | Código        | D.I. mm | D.E. mm | Presión de trabajo |       |     | Presión de rotura |       |     | Peso kg/m | Mín. radio curvatura mm |
|---------------|---------------|---------|---------|--------------------|-------|-----|-------------------|-------|-----|-----------|-------------------------|
|               |               |         |         | MPa                | psi   | bar | MPa               | psi   | bar |           |                         |
| 19010081      | IH36522134/40 | 32      | 44      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 0,98      | 320                     |

## CARBOCORD H10

| Ref. catálogo | Código        | D.I. mm | D.E. mm | Presión de trabajo |       |     | Presión de rotura |       |     | Peso kg/m | Mín. radio curvatura mm |
|---------------|---------------|---------|---------|--------------------|-------|-----|-------------------|-------|-----|-----------|-------------------------|
|               |               |         |         | MPa                | psi   | bar | MPa               | psi   | bar |           |                         |
| 19010082      | IH36522097/40 | 32      | 46      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 1,17      | 320                     |
| 19010083      | IH36522098/40 | 38      | 53      | 1,0                | 150,0 | 10  | 3,0               | 450,0 | 30  | 1,45      | 380                     |

## CARBOCORD 15

| Ref. catálogo | Código        | D.I. mm | D.E. mm | Presión de trabajo |       |     | Presión de rotura |       |     | Peso kg/m | Mín. radio curvatura mm |
|---------------|---------------|---------|---------|--------------------|-------|-----|-------------------|-------|-----|-----------|-------------------------|
|               |               |         |         | MPa                | psi   | bar | MPa               | psi   | bar |           |                         |
| 19010084      | IH36523101/40 | 19      | 30      | 1,5                | 217,5 | 15  | 4,5               | 625,5 | 45  | 0,55      | 250                     |
| 19010085      | IH36523102/40 | 25      | 36      | 1,5                | 217,5 | 15  | 4,5               | 625,5 | 45  | 0,69      | 250                     |
| 19010086      | IH36523103/40 | 30      | 41      | 1,5                | 217,5 | 15  | 4,5               | 625,5 | 45  | 0,80      | 300                     |
| 19010087      | IH36523104/40 | 32      | 43      | 1,5                | 217,5 | 15  | 4,5               | 625,5 | 45  | 0,84      | 320                     |
| 19010088      | IH36523105/40 | 35      | 46      | 1,5                | 217,5 | 15  | 4,5               | 625,5 | 45  | 0,91      | 350                     |
| 19010089      | IH36523120/40 | 38      | 49      | 1,5                | 217,5 | 15  | 4,5               | 625,5 | 45  | 0,97      | 380                     |
| 19010090      | IH36523106/40 | 40      | 52      | 1,5                | 217,5 | 15  | 4,5               | 625,5 | 45  | 1,14      | 400                     |
| 19010091      | IH36523107/40 | 45      | 60      | 1,5                | 217,5 | 15  | 4,5               | 625,5 | 45  | 1,60      | 450                     |
| 19010092      | IH36523108/40 | 50      | 65      | 1,5                | 217,5 | 15  | 4,5               | 625,5 | 45  | 1,83      | 500                     |
| 19010093      | IH36523119/40 | 55      | 70      | 1,5                | 217,5 | 15  | 4,5               | 625,5 | 45  | 1,98      | 550                     |