

## KO

### Marrom

Indicada para sucção e descarga de produtos derivados de petróleo, bem como grande variedade de produtos químicos.  
Temperatura de Trabalho: +5°C ~ +50°C (PVC).



| DIÂMETRO NOMINAL | DIÂMETRO INTERNO | DIÂMETRO EXTERNO | PRESSÃO DE TRABALHO 25°C |                      | PRESSÃO DE RUPTURA 25°C |                      | VÁCUO 25°C mmHg | RAIO DE CURVATURA Trabalho - Mínimo 25°C |         | LANÇE m |
|------------------|------------------|------------------|--------------------------|----------------------|-------------------------|----------------------|-----------------|--|---------|---------|
|                  |                  |                  | kgf/cm <sup>2</sup>      | lbf/pol <sup>2</sup> | kgf/cm <sup>2</sup>     | lbf/pol <sup>2</sup> |                 | 25°C                                     | mm      |         |
| * 3/4"           | 19,0             | 24,3             | 8,7                      | 123                  | 26,0                    | 370                  | 760             | 270                                      | 25 / 50 |         |
| * 7/8"           | 22,6             | 28,0             | 8,7                      | 123                  | 26,0                    | 370                  | 760             | 350                                      | 25 / 50 |         |
| 1"               | 25,0             | 32,0             | 8,7                      | 123                  | 26,0                    | 370                  | 760             | 350                                      | 25 / 50 |         |
| 1.1/4"           | 31,5             | 39,0             | 8,7                      | 123                  | 26,0                    | 370                  | 760             | 450                                      | 25 / 50 |         |
| 1.1/2"           | 38,0             | 46,0             | 7,3                      | 104                  | 22,0                    | 313                  | 760             | 500                                      | 25 / 50 |         |
| 2"               | 50,0             | 59,5             | 6,7                      | 95                   | 20,0                    | 284                  | 760             | 750                                      | 25 / 50 |         |
| 2.1/2"           | 62,5             | 73,0             | 6,7                      | 95                   | 20,0                    | 284                  | 760             | 800                                      | 25 / 50 |         |
| 3"               | 74,5             | 86,0             | 6,7                      | 95                   | 20,0                    | 284                  | 760             | 1.000                                    | 25 / 50 |         |
| 4"               | 101,2            | 115,0            | 5,7                      | 81                   | 17,0                    | 242                  | 760             | 1.500                                    | 25 / 50 |         |
| * 5"             | 127,0            | 140,0            | 4,3                      | 62                   | 13,0                    | 185                  | 760             | 2.100                                    | 15 / 30 |         |
| * 6"             | 149,0            | 164,0            | 4,0                      | 57                   | 12,0                    | 171                  | 760             | 2.500                                    | 15 / 30 |         |
| * 8"             | 204,0            | 224,4            | 4,0                      | 57                   | 12,0                    | 171                  | 750             | 4.000                                    | 15 / 30 |         |
| * 10"            | 250,0            | 271,0            | 3,0                      | 43                   | 9,0                     | 128                  | 750             | 7.000                                    | 10      |         |

\* Fornecimento sob consulta

### Marrón

Para succión y descarga de productos derivados del petróleo, así como una amplia variedad de productos químicos.  
Temperatura del Trabajo: +5°C ~ +50°C (PVC).



| DIÂMETRO NOMINAL | DIÂMETRO INTERIOR | DIÂMETRO EXTERIOR | PRESIÓN DE TRABAJO 25°C |                      | PRESIÓN DE RUPTURA 25°C |                      | VACIO 25°C mmHg | RADIO DE CURVATURA Trabajo - Mínimo 25°C |         | LARGO m |
|------------------|-------------------|-------------------|-------------------------|----------------------|-------------------------|----------------------|-----------------|--|---------|---------|
|                  |                   |                   | kgf/cm <sup>2</sup>     | lbf/pul <sup>2</sup> | kgf/cm <sup>2</sup>     | lbf/pul <sup>2</sup> |                 | 25°C                                     | mm      |         |
| 3/4"             | 19,0              | 24,3              | 8,7                     | 123                  | 26,0                    | 370                  | 760             | 270                                      | 25 / 50 |         |
| 7/8"             | 22,6              | 28,0              | 8,7                     | 123                  | 26,0                    | 370                  | 760             | 350                                      | 25 / 50 |         |
| 1"               | 25,0              | 32,0              | 8,7                     | 123                  | 26,0                    | 370                  | 760             | 350                                      | 25 / 50 |         |
| 1.1/4"           | 31,5              | 39,0              | 8,7                     | 123                  | 26,0                    | 370                  | 760             | 450                                      | 25 / 50 |         |
| 1.1/2"           | 38,0              | 46,0              | 7,3                     | 104                  | 22,0                    | 313                  | 760             | 500                                      | 25 / 50 |         |
| 2"               | 50,0              | 59,5              | 6,7                     | 95                   | 20,0                    | 284                  | 760             | 750                                      | 25 / 50 |         |
| 2.1/2"           | 62,5              | 73,0              | 6,7                     | 95                   | 20,0                    | 284                  | 760             | 800                                      | 25 / 50 |         |
| 3"               | 74,5              | 86,0              | 6,7                     | 95                   | 20,0                    | 284                  | 760             | 1.000                                    | 25 / 50 |         |
| 4"               | 101,2             | 115,0             | 5,7                     | 81                   | 17,0                    | 242                  | 760             | 1.500                                    | 25 / 50 |         |
| 5"               | 127,0             | 140,0             | 4,3                     | 62                   | 13,0                    | 185                  | 760             | 2.100                                    | 15 / 30 |         |
| 6"               | 149,0             | 164,0             | 4,0                     | 57                   | 12,0                    | 171                  | 760             | 2.500                                    | 15 / 30 |         |
| 8"               | 204,0             | 224,4             | 4,0                     | 57                   | 12,0                    | 171                  | 750             | 4.000                                    | 15 / 30 |         |
| 10"              | 250,0             | 271,0             | 3,0                     | 43                   | 9,0                     | 128                  | 750             | 7.000                                    | 10      |         |

### Brown

Recommended for suction and discharge of petroleum - based products, as well as a wide scope of chemicals.  
Work temperature: +5°C ~ +50°C (PVC).



| NOMINAL DIAMETER | INTERNAL DIAMETER | EXTERNAL DIAMETER | WORK PRESSURE 25°C  |     | BURST PRESSURE 25°C |     | VACUUM 25°C mmHg | BEND RADIUS Working - Minimum 25°C |         | LENGTH m |
|------------------|-------------------|-------------------|---------------------|-----|---------------------|-----|------------------|------------------------------------|---------|----------|
|                  |                   |                   | kgf/cm <sup>2</sup> | psi | kgf/cm <sup>2</sup> | psi |                  | 25°C                               | mm      |          |
| 3/4"             | 19,0              | 24,3              | 8,7                 | 123 | 26,0                | 370 | 760              | 270                                | 25 / 50 |          |
| 7/8"             | 22,6              | 28,0              | 8,7                 | 123 | 26,0                | 370 | 760              | 350                                | 25 / 50 |          |
| 1"               | 25,0              | 32,0              | 8,7                 | 123 | 26,0                | 370 | 760              | 350                                | 25 / 50 |          |
| 1.1/4"           | 31,5              | 39,0              | 8,7                 | 123 | 26,0                | 370 | 760              | 450                                | 25 / 50 |          |
| 1.1/2"           | 38,0              | 46,0              | 7,3                 | 104 | 22,0                | 313 | 760              | 500                                | 25 / 50 |          |
| 2"               | 50,0              | 59,5              | 6,7                 | 95  | 20,0                | 284 | 760              | 750                                | 25 / 50 |          |
| 2.1/2"           | 62,5              | 73,0              | 6,7                 | 95  | 20,0                | 284 | 760              | 800                                | 25 / 50 |          |
| 3"               | 74,5              | 86,0              | 6,7                 | 95  | 20,0                | 284 | 760              | 1.000                              | 25 / 50 |          |
| 4"               | 101,2             | 115,0             | 5,7                 | 81  | 17,0                | 242 | 760              | 1.500                              | 25 / 50 |          |
| 5"               | 127,0             | 140,0             | 4,3                 | 62  | 13,0                | 185 | 760              | 2.100                              | 15 / 30 |          |
| 6"               | 149,0             | 164,0             | 4,0                 | 57  | 12,0                | 171 | 760              | 2.500                              | 15 / 30 |          |
| 8"               | 204,0             | 224,4             | 4,0                 | 57  | 12,0                | 171 | 750              | 4.000                              | 15 / 30 |          |
| 10"              | 250,0             | 271,0             | 3,0                 | 43  | 9,0                 | 128 | 750              | 7.000                              | 10      |          |