

## MANGOTE JAMAICA ARAMADO



| REF  | Medida         | Codigo |
|------|----------------|--------|
| 5034 | 1.1/4 x 300 mm | 12366  |
| 5035 | 1.1/4 x 400 mm | 12367  |
| 5036 | 1.1/4 x 500 mm | 12368  |
| 5068 | 1.1/2 x 300 mm | 12369  |
| 5069 | 1.1/2 x 400 mm | 12370  |
| 5070 | 1.1/2 x 500 mm | 12371  |
| 5071 | 1.1/2 x 600 mm | 12372  |
| 5088 | 1.5/8 x 600 mm | 12373  |
| 5103 | 1.3/4 x 400 mm | 12374  |
| 5104 | 1.3/4 x 500 mm | 12375  |
| 5105 | 1.3/4 x 600 mm | 12376  |
| 5136 | 2" x 300 mm    | 12377  |
| 5137 | 2" x 400 mm    | 12378  |
| 5138 | 2" x 500 mm    | 12379  |
| 5139 | 2" x 600 mm    | 12380  |
| 5140 | 2" x 700 mm    | 12381  |
| 5153 | 2.1/4 x 300 mm | 12382  |
| 5154 | 2.1/4 x 400 mm | 12384  |
| 5155 | 2.1/4 x 500 mm | 12383  |
| 5156 | 2.1/4 x 600 mm | 12385  |
| 5170 | 2.1/2 x 300 mm | 12386  |
| 5171 | 2.1/2 x 400 mm | 12387  |
| 5172 | 2.1/2 x 500 mm | 12388  |
| 5173 | 2.1/2 x 600 mm | 12389  |
| 5174 | 2.1/2 x 700 mm | 12390  |
| 5205 | 3" x 400 mm    | 12391  |
| 5206 | 3" x 500 mm    | 12392  |
| 5207 | 3" x 600 mm    | 12393  |

## MANGOTE JAMAICA CURVO 90°



| REF  | Medida          | Codigo |
|------|-----------------|--------|
| JC10 | 1" x 100 mm     | 12339  |
| JC11 | 1.1/4" x 100 mm | 12340  |
| JC12 | 1.1/2" x 100 mm | 12341  |
| JC13 | 1.3/4" x 100 mm | 12342  |
| JC14 | 2" x 100 mm     | 12343  |
| JC15 | 2.1/4" x 100 mm | 12344  |
| JC16 | 2.1/2" x 100 mm | 12345  |
| JC17 | 2.3/4" x 100 mm | 12346  |
| JC18 | 3" x 100 mm     | 12347  |
| JC30 | 1" x 200 mm     | 12348  |
| JC31 | 1.1/4" x 200 mm | 12349  |
| JC32 | 1.1/2" x 200 mm | 12350  |
| JC33 | 1.3/4" x 200 mm | 12352  |
| JC34 | 2" x 200 mm     | 12352  |
| JC35 | 2.1/4" x 200 mm | 12351  |
| JC36 | 2.1/2" x 200 mm | 12356  |
| JC37 | 2.3/4" x 200 mm | 12354  |
| JC38 | 3" x 200 mm     | 12355  |
| JC48 | 1" x 400 mm     | 12357  |
| JC49 | 1.1/4" x 400 mm | 12358  |
| JC50 | 1.1/2" x 400 mm | 12359  |
| JC52 | 1.3/4" x 400 mm | 12360  |
| JC54 | 2" x 400 mm     | 12361  |
| JC56 | 2.1/4" x 400 mm | 12362  |
| JC58 | 2.1/2" x 400 mm | 12363  |
| JC60 | 2.3/4" x 400 mm | 12364  |
| JC62 | 3" x 400 mm     | 12365  |

## MANGUEIRA POLIETILENO - IRRIGAÇÃO



Lances de 100 mts

| Cor                     | Ø Interno | REF     | Código |
|-------------------------|-----------|---------|--------|
| <b>Azul<br/>Reforç.</b> | 1/2"      | MPIA001 | 17357  |
|                         | 3/4"      | MPIA002 | 17358  |
|                         | 1"        | MPIA003 | 17359  |
|                         | 1.1/4"    | MPIA004 | 17360  |
|                         | 1.1/2"    | MPIA005 | 17361  |
|                         | 2"        | MPIA006 | 17362  |

| Cor                      | Ø Interno | REF     | Código |
|--------------------------|-----------|---------|--------|
| <b>Preta<br/>Reforç.</b> | 1/2"      | MPIP001 | 17363  |
|                          | 3/4"      | MPIP002 | 17364  |
|                          | 1"        | MPIP003 | 17365  |
|                          | 1.1/4"    | MPIP004 | 17366  |
|                          | 1.1/2"    | MPIP005 | 17367  |
|                          | 2"        | MPIP006 | 17368  |

## MANGUEIRAS CAPILARES

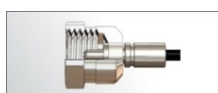


**Mangueira Termoplástica:** Tubo Interno em Poliéster Termoplástico e Fibra Aramídica. Reforço trama de fibra de Poliéster. Tubo externo em poliuretano. Pressão de trabalho 630 Bar. Ruptura 1890 Bar. Temperatura: -40°C a 100°C

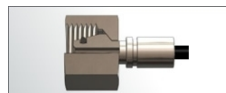
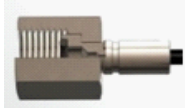
Capa para pensar Microtest

| REF | Código |
|-----|--------|
| CPM | 1013   |

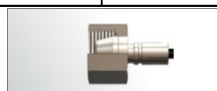
| Ø Interno | Ø Externo | REF   | Código |
|-----------|-----------|-------|--------|
| 2 mm      | 5 mm      | MC2-5 | 16319  |



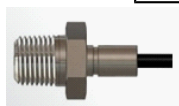
| Terminal Ponta Lisa |        |        | Terminal Tipo P (Padrão) Terminal Fêmea M 16 com pino interno |           |        |        |
|---------------------|--------|--------|---|-----------|--------|--------|
| Tubo                | REF    | Código | Sextavado   | Rosca     | REF    | Código |
| 4                   | TPL001 | 1314   | 19 mm   | M16 x 2,0 | TP162  | 18667  |
| 6                   | TPL002 | 1014   | 17 mm   | M16 x 1,5 | TP1615 | 18668  |
| 8                   | TPL003 | 1015   |   |           |        |        |



| Terminal Fêmea Giratoria |          |        | Terminal Tipo F (PAS) Terminal Fêmea Gir. Para tubo com oring |            |         |        |
|--------------------------|----------|--------|---|------------|---------|--------|
| Rosca                    | REF      | Código | Tubo  | Rosca      | REF     | Código |
| 1/8" Bsp                 | TFGBSP01 | 1016   | 4   | M10 x 1,5  | TF4M10  | 2743   |
| 1/4" Bsp                 | TFGBSP02 | 1017   | 6   | M 12 x 1,5 | TF6M12  | 18669  |
| 3/8" Bsp                 | TFGBSP03 | 1018   | 8   | M 14 x 1,5 | TF8M14  | 18670  |
|                          |          |        | 10  | M 16 x 1,5 | TF10M16 | 24487  |




| Terminal Fêmea Giratoria |          |        | Terminal Tipo G (HG) Terminal Fêmea Gir. Para tubo Boleado |            |         |        |
|--------------------------|----------|--------|--|------------|---------|--------|
| Rosca                    | REF      | Código | Tubo   | Rosca      | REF     | Código |
| 7/16" Jic                | TFGJIC01 | 1019   | 4  | M10 x 1,5  | TG4M10  | 24488  |
| 9/16" Jic                | TFGJIC02 | 1020   | 6  | M 12 x 1,5 | TG6M12  | 24489  |
|                          |          |        | 8  | M 14 x 1,5 | TG8M14  | 27436  |
|                          |          |        | 10   | M 16 x 1,5 | TG10M16 | 18648  |



| Tomador de Pressão 1/4" Bsp |        | Terminal Macho Fixo |          |        |
|-----------------------------|--------|---------------------|----------|--------|
| REF                         | Código | Rosca               | REF      | Código |
| TPA1/4                      | 24591  | 1/8" Bsp            | TMFBSP01 | 214112 |
|                             |        | 1/4" Bsp            | TMFBSP02 | 1022   |
|                             |        | 1/8" Npt            | TMFNPT01 | 1023   |


# MANGUEIRAS HIDRÁULICAS

## SAE 100 R1AT - DIN EN 853 1SN

|  | Ø        | Pressão  | REF   | Codigo |
|--|----------|----------|-------|--------|
|  | 3/16"    | 3250 PSI | R1.03 | 8      |
| 1/4"   | 3250 PSI | R1.04    | 24405 |        |
| 5/16"  | 3100 PSI | R1.05    | 12011 |        |
| 3/8"   | 2600 PSI | R1.06    | 26295 |        |
| 1/2"   | 2300 PSI | R1.08    | 12013 |        |
| 5/8"   | 1900 PSI | R1.10    | 12015 |        |
| 3/4"   | 1500 PSI | R1.12    | 12014 |        |
| 1"   | 1300 PSI | R1.16    | 24404 |        |
| 1.1/4"   | 900 PSI  | R1.20    | 12017 |        |
| 1.1/2"   | 725 PSI  | R1.24    | 12018 |        |
| 2"   | 580 PSI  | R1.32    | 12019 |        |
| 2.1/2"   | 580 PSI  | R1.40    | 25131 |        |
| 3"   | 500 PSI  | R1.48    | 25337 |        |


Mangueira em borracha sintética com 1 trama de aço.  
Temp. -40° a + 120°C

## SAE 100 R3 - DIN EN 854 2TE

|  | Ø        | Pressão | REF   | Codigo |
|--|----------|---------|-------|--------|
|  | 3/16"    | 2320PSI | R3.03 | 16531  |
| 1/4"   | 2100 PSI | R3.04   | 16532 |        |
| 5/16"  | 1885 PSI | R3.05   | 16533 |        |
| 3/8"   | 1595 PSI | R3.06   | 16534 |        |
| 1/2"   | 1350 PSI | R3.08   | 16535 |        |
| 5/8"   | 1160 PSI | R3.10   | 15536 |        |
| 3/4"   | 1160 PSI | R3.12   | 16537 |        |
| 1"   | 1160 PSI | R3.16   | 16538 |        |
| 1.1/4"   | 900 PSI  | R3.20   | 25188 |        |
| 1.1/2"   | 725 PSI  | R3.24   | 25132 |        |
| 2"   | 580 PSI  | R3.32   | 9     |        |

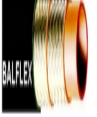
Mangueira com 2 tramas de Poliester. Temp. -40° a + 100°C (petroleo) +70° (agua) + 50° (ar)

## SAE 100 R6 - DIN EN 854 1TE


|  | Ø       | Pressão | REF   | Codigo |
|--|---------|---------|-------|--------|
|  | 3/16"   | 500 PSI | R6.03 | 16486  |
| 1/4"   | 400 PSI | R6.04   | 16487 |        |
| 5/16"  | 400 PSI | R6.05   | 16488 |        |
| 3/8"   | 400 PSI | R6.06   | 16489 |        |
| 1/2"   | 400 PSI | R6.08   | 16490 |        |
| 5/8"   | 350 PSI | R6.10   | 16491 |        |
| 3/4"   | 300 PSI | R6.12   | 16492 |        |
| 7/8"   | 300 PSI | R6.14   | 16493 |        |
| 1"   | 250 PSI | R6.16   | 16494 |        |

Mang borracha sintética, uma trama de fibra sintética. -40 a + 100°C


## SAE 100 R7 - TRAMA DE AÇO

|  | Ø        | Pressão  | REF     | Codigo |
|--|----------|----------|---------|--------|
|  | 1/4"     | 4350 SPI | R7TA.04 | 16507  |
| 5/16"  | 3480 PSI | R7TA.05  | 16508   |        |
| 3/8"   | 3260 PSI | R7TA.06  | 16509   |        |

## SAE 100 R7 - TRAMA DE AÇO - DUPLA

|  | Ø        | Pressão  | REF      | Codigo |
|--|----------|----------|----------|--------|
|  | 1/4"     | 2750 PSI | R7TAD.04 | 16517  |
| 5/16"  | 2750 PSI | R7TAD.05 | 16518    |        |
| 3/8"   | 2750 PSI | R7TAD.06 | 16519    |        |

## SAE 100 R2AT - DIN EN 853 2SN

|  | Ø        | Pressão  | REF   | Codigo |
|---|----------|----------|-------|--------|
|   | 3/16"    | 5800 PSI | R2.03 | 10     |
| 1/4"  | 5800 PSI | R2.04    | 27619 |        |
| 5/16"   | 5800 PSI | R2.05    | 12021 |        |
| 3/8"  | 4800 PSI | R2.06    | 12025 |        |
| 1/2"  | 4000 PSI | R2.08    | 12026 |        |
| 5/8"  | 3600 PSI | R2.10    | 12028 |        |
| 3/4"  | 3100 PSI | R2.12    | 24649 |        |
| 1"  | 2400 PSI | R2.16    | 12029 |        |
| 1.1/4"  | 1800 PSI | R2.20    | 12030 |        |
| 1.1/2"  | 1300 PSI | R2.24    | 12031 |        |
| 2"  | 1150 PSI | R2.32    | 12032 |        |
| 2.1/2"  | 1000 PSI | R2.40    | 27620 |        |
| 3"  | 900 PSI  | R2.48    | 25391 |        |

Mangueira em borracha sintética com 2 tramas de aço.  
Temp. -40° a + 120°C

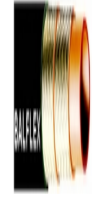
## SAE 100 R5 ou 1503 - DIN J1402 All

|  | Ø        | Pressão  | REF   | Codigo |
|---|----------|----------|-------|--------|
|   | 3/16"    | 3000 PSI | R5.04 | 16539  |
| 1/4"  | 3000 PSI | R5.05    | 16540 |        |
| 5/16"   | 2250 PSI | R5.06    | 16541 |        |
| 13/32"  | 2000 PSI | R5.08    | 16542 |        |
| 1/2"  | 1750 PSI | R5.10    | 16543 |        |
| 5/8"  | 1500 PSI | R5.12    | 16544 |        |
| 7/8"  | 800 PSI  | R5.16    | 16545 |        |
| 1.1/8"  | 625 PSI  | R5.20    | 16546 |        |
| 1.3/8"  | 500 PSI  | R5.24    | 16547 |        |
| 1.13/16"  | 350 PSI  | R5.32    | 16548 |        |
| 2.3/8"  | 350 PSI  | R5.40    | 16549 |        |


Mangueira em borracha sintética, uma trama de aço e dois reforços textil. Temp. -40° a +100°C

## Mang. Termoplástica SAE 100R7


### SAE 100 R7

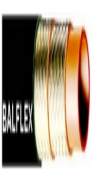
|  | Ø        | Pressão  | REF   | Codigo |
|---|----------|----------|-------|--------|
|   | 3/16"    | 3000 PSI | R7.03 | 16495  |
| 1/4"  | 2750 PSI | R7.04    | 28201 |        |
| 5/16"   | 2500 PSI | R7.05    | 16497 |        |
| 3/8"  | 2250 PSI | R7.06    | 16498 |        |
| 1/2"  | 2000 PSI | R7.08    | 16499 |        |
| 3/4"  | 1150 PSI | R7.12    | 254   |        |
| 1"  | 1000 PSI | R7.16    | 1290  |        |

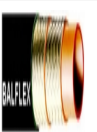
## SAE 100 R7- ANTI-ESTÁTICA


|  | Ø        | Pressão  | REF    | Codigo |
|---|----------|----------|--------|--------|
|   | 1/4"     | 2750 PSI | R7A.04 | 16503  |
| 5/16"   | 2500 PSI | R7A.05   | 16504  |        |
| 3/8"  | 2250 PSI | R7A.06   | 16505  |        |
| 1/2"  | 2000 PSI | R7A.08   | 16506  |        |

## SAE 100 R7 - DUPLA

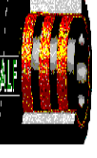
|  | Ø        | Pressão  | REF    | Codigo |
|---|----------|----------|--------|--------|
|   | 1/4"     | 2750 PSI | R7D.04 | 16500  |
| 5/16"   | 2500 PSI | R7D.05   | 16501  |        |
| 3/8"  | 2250 PSI | R7D.06   | 16502  |        |

|  | SAE 100 R8 - MFX |          |       |        |
|--|------------------|----------|-------|--------|
|  | Ø                | Pressão  | REF   | Codigo |
|  | 3/16"            | 5000 PSI | R8.03 | 16512  |
|  | 1/4"             | 5000 PSI | R8.04 | 16510  |
|  | 5/16"            | 4000 PSI | R8.05 | 16678  |
|  | 3/8"             | 5000 PSI | R8.06 | 16677  |
|  | 1/2"             | 3500 PSI | R8.08 | 16679  |


|  | SAE 100 R10 - MFX |           |        |        |
|--|-------------------|-----------|--------|--------|
|  | Ø                 | Pressão   | REF    | Codigo |
|  | 3/16"             | 10000 PSI | R10.03 | 16684  |
|  | 1/4"              | 10000 PSI | R10.04 | 16685  |

|  | SAE 100 R12 |          |        |        |
|--|-------------|----------|--------|--------|
|  | Ø           | Pressão  | REF    | Codigo |
|  | 3/8"        | 4000 PSI | R12.06 | 16513  |
|  | 1/2"        | 4000 PSI | R12.08 | 16514  |
|  | 5/8"        | 4000 PSI | R12.10 | 16565  |
|  | 3/4"        | 4000 PSI | R12.12 | 26296  |
|  | 1"          | 4000 PSI | R12.16 | 16520  |
|  | 1.1/4"      | 3000 PSI | R12.20 | 16521  |
|  | 1.1/2"      | 2500 PSI | R12.24 | 16522  |
|  | 2"          | 2500 PSI | R12.32 | 16523  |


Mang. borracha sintética, 4 espirais de aço. Até 120°C


|  | MAX      |          |         |        |
|---|----------|----------|---------|--------|
|   | Ø        | Pressão  | REF     | Codigo |
|   | 2MAX 1/4 | 10000PSI | 2MAX.04 | 25272  |
|   | 2MAX 3/8 | 10000PSI | 2MAX.06 | 25259  |
|   | 3MAX 3/8 | 7200PSI  | 3MAX.06 | 16555  |
|   | 3MAX1/2  | 6800PSI  | 3MAX.08 | 16556  |

Mang. Borracha sintética, 3 tramas de aço.


|  | SAE 100 R14 - TEFLON |         |        |        |
|--|----------------------|---------|--------|--------|
|  | Ø                    | Pressão | REF    | Codigo |
|  | 1/8"                 | 3000PSI | R14.03 | 16557  |
|  | 3/16"                | 3000PSI | R14.04 | 16562  |
|  | 1/4"                 | 3000PSI | R14.05 | 16563  |
|  | 5/16"                | 2500PSI | R14.06 | 16564  |
|  | 13/32"               | 2000PSI | R14.08 | 16515  |
|  | 1/2"                 | 1500PSI | R14.10 | 16566  |
|  | 5/8"                 | 1200PSI | R14.12 | 28199  |
|  | 3/4"                 | 1150PSI | R14.14 | 16568  |
|  | 7/8"                 | 1000PSI | R14.16 | 16569  |
|  | 1"                   | 1000PSI | R14.18 | 25449  |


Mang. Em teflon com 1 trançado externo em aço inox.  
Para sintéticos, óleo e liq. Corrosivos. Até 200°C

|  | SAE 100 R15 |         |        |        |
|--|-------------|---------|--------|--------|
|  | Ø           | Pressão | REF    | Codigo |
|  | 1"          | 6000PSI | R15.16 | 255    |
|  | 1.1/4"      | 6000PSI | R15.20 | 256    |
|  | 1.1/2"      | 6000PSI | R15.24 | 257    |
|  | 2"          | 6000PSI | R15.32 | 258    |


|  | SAE 100 R17 |         |        |        |
|--|-------------|---------|--------|--------|
|  | Ø           | Pressão | REF    | Codigo |
|  | 3/8"        | 3000PSI | R17.06 | 11     |
|  | 1/2"        | 3000PSI | R17.08 | 12     |

Borracha sint. Com 2 tramas de aço


|  | SAE 100 R9 - MFX |          |       |        |
|---|------------------|----------|-------|--------|
|   | Ø                | Pressão  | REF   | Codigo |
|   | 3/8"             | 5000 PSI | R9.06 | 16680  |
|   | 1/2"             | 5000 PSI | R9.08 | 16681  |
|   | 3/4"             | 3000 PSI | R9.12 | 16682  |
|   | 1"               | 3000 PSI | R9.16 | 16683  |

|  | 4SP - DIN EN 856 |          |        |        |
|---|------------------|----------|--------|--------|
|   | Ø                | Pressão  | REF    | Codigo |
|   | 1/4"             | 6500 PSI | 4SP.04 | 16524  |
|   | 3/8"             | 6450 PSI | 4SP.06 | 16525  |
|   | 1/2"             | 6000 PSI | 4SP.08 | 16526  |
|   | 5/8"             | 5050 PSI | 4SP.10 | 16527  |
|   | 3/4"             | 5050 PSI | 4SP.12 | 16528  |
|   | 1"               | 4050 PSI | 4SP.16 | 16529  |
|   | 1.1/4"           | 3050 PSI | 4SP.20 | 16530  |


Mang. Borracha sintética, 4 a 6 espirais de aço.

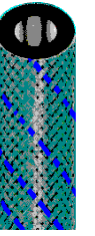
|  | 4SH - DIN EN 856 |          |        |        |
|---|------------------|----------|--------|--------|
|   | Ø                | Pressão  | REF    | Codigo |
|   | 3/4"             | 6000 PSI | 4SH.12 | 16550  |
|   | 1"               | 5500 PSI | 4SH.16 | 16551  |
|   | 1.1/4"           | 4700 PSI | 4SH.20 | 16552  |
|   | 1.1/2"           | 4200 PSI | 4SH.24 | 16553  |
|   | 2"               | 3600 PSI | 4SH.32 | 16554  |

Mang. Borracha sintética, 4 espirais de aço. Até 100°C

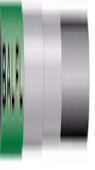
|  | SAE 100 R13 |          |        |        |
|---|-------------|----------|--------|--------|
|   | Ø           | Pressão  | REF    | Codigo |
|   | 3/4"        | 6000 PSI | R13.12 | 16643  |
|   | 1"          | 5500 PSI | R13.16 | 16644  |
|   | 1.1/4"      | 5000PSI  | R13.20 | 16645  |
|   | 1.1/2"      | 5000PSI  | R13.24 | 16646  |
|   | 2"          | 5000PSI  | R13.32 | 16647  |

Borracha sintética, 4 a 6 espirais de aço. Até 120°C

|  | HIDROJATEAMENTO - WATERBLAST |          |      |        |
|---|------------------------------|----------|------|--------|
|   | Ø                            | Pressão  | REF  | Codigo |
|   | 3/8"                         | 17400PSI | W.06 | 16595  |
|   | 1/2"                         | 14500PSI | W.08 | 16592  |
|   | 3/4"                         | 14500PSI | W.12 | 16593  |



|  | MTG   |         |        |        |
|---|-------|---------|--------|--------|
|   | Ø     | Pressão | REF    | Codigo |
|   | 3/16" | 700PSI  | MTG.03 | 16658  |
|   | 1/4"  | 700PSI  | MTG.04 | 16653  |
|   | 5/16" | 700PSI  | MTG.05 | 16654  |
|   | 3/8"  | 700PSI  | MTG.06 | 16657  |
|   | 1/2"  | 700PSI  | MTG.08 | 16656  |
|   | 5/8"  | 700PSI  | MTG.10 | 16655  |
|   | 3/4"  | 700PSI  | MTG.12 | 16652  |



Mangueira de borracha revestida de galvanizado.

|  | SPIRJET - HIDROJATEAMENTO |          |       |        |
|---|---------------------------|----------|-------|--------|
|   | Ø                         | Pressão  | REF   | Codigo |
|   | 1/8"                      | 17400PSI | SP.03 | 18     |
|   | 1/4"                      | 14500PSI | SP.04 | 19     |
|   | 5/16"                     | 15000PSI | SP.05 | 20     |
|   | 1/2"                      | 15000PSI | SP.08 | 21     |

Hidrojateamento de altíssima pressão


## MANGUEIRAS INDUSTRIAIS

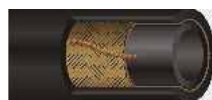
| MANGUEIRA AGUA AR (AIRPRESSOR)  |          |                |            |               | MANGUEIRA AGUA AR (AIRMATER)  |                                     |                |            |  |
|---|----------|----------------|------------|---------------|---|-------------------------------------|----------------|------------|--|
|  | PT 300   |                |            |               |  | 100 % Borracha                      |                |            |  |
|   | <b>Ø</b> | <b>Pressão</b> | <b>REF</b> | <b>Codigo</b> |   | <b>Ø</b>                            | <b>Pressão</b> | <b>REF</b> |  |
|   | 1/4"     | 300PSI         | BALA01     | 16422         |   | 1/4"                                | 300PSI         | BALAM01    |  |
|   | 5/16"    | 300PSI         | BALA02     | 16423         |   | 5/16"                               | 300PSI         | BALAM02    |  |
|   | 3/8"     | 300PSI         | BALA03     | 16424         |   | 3/8"                                | 300PSI         | BALAM03    |  |
|   | 1/2"     | 300PSI         | BALA04     | 16425         |   | 1/2"                                | 300PSI         | BALAM04    |  |
|   | 5/8"     | 300PSI         | BALA05     | 16426         |   | 5/8"                                | 300PSI         | BALAM05    |  |
|   | 3/4"     | 300PSI         | BALA06     | 16427         |   | 3/4"                                | 300PSI         | BALAM06    |  |
|   | 1"       | 300PSI         | BALA07     | 16428         |   | 1"                                  | 300PSI         | BALAM07    |  |
|   | 1.1/4"   | 300PSI         | SA08       | 1             |   | <b>Mang. Amarela para Martetele</b> |                |            |  |
|   | 1.1/2"   | 150PSI         | SA09       | 2             |   | 3/4"                                | 300PSI         | BALAM08    |  |
| 2"  | 150PSI   | SA10           | 3          | 1"            | 300PSI  | BALAM09                             |                |            |  |

| MANGUEIRA AGUA AR ÓLEO (MULTIUSO)  |          |                |            |               | MANGUEIRA LAVA AUTO (AUTOWASH)   |            |                |            |  |
|--|----------|----------------|------------|---------------|--|------------|----------------|------------|--|
|  | <b>Ø</b> | <b>Pressão</b> | <b>REF</b> | <b>Codigo</b> |  | <b>Ø</b>   | <b>Pressão</b> | <b>REF</b> |  |
|  | 1/4"     | 300PSI         | SMU01      | 27379         |  | 1/2"       | 750PSI         | LAB1/2     |  |
|  | 5/16"    | 300PSI         | SMU02      | 27380         |  | 1/2" Azul  | 1000 PSI       | ODL001     |  |
|  | 3/8"     | 300PSI         | SMU03      | 27381         |  | 1/2" Preta | 1000PSI        | ODL002     |  |
|  | 1/2"     | 300PSI         | SMU04      | 27382         |  | 3/4"       | 750PSI         | LAB3/4     |  |
|  | 5/8"     | 300PSI         | SMU05      | 27383         |  | 3/4" Azul  | 600PSI         | GOO001     |  |
|  | 3/4"     | 300PSI         | SMU06      | 27384         |  |            |                |            |  |
|  | 1"       | 300PSI         | SMU07      | 27385         |  |            |                |            |  |

| MANGUEIRA PARA SOLDA (OXIGÊNIO E ACETILENO) 300 LIBRAS                              |           |                |            |            |                    |            |                     |  |
|---|-----------|----------------|------------|------------|--------------------|------------|---------------------|--|
|  |           |                |            |            | Balflex (Borracha) |            | Goodyear (Borracha) |  |
|   | <b>Ø</b>  | <b>Produto</b> | <b>REF</b> | <b>REF</b> | <b>Codigo</b>      | <b>REF</b> | <b>Codigo</b>       |  |
|   | 1/4"      | Dupla          |            |            |                    | GOOS01     | 26059               |  |
|   | 1/4"      | Oxigênio       |            |            |                    | GOOS02     | 26057               |  |
|   | 1/4"      | Acetileno      |            |            |                    | GOOS03     | 26058               |  |
|   | 5/16"     | Dupla          | BALS04     | IBIS04     | 25570              | GOOS04     | 25518               |  |
|   | 5/16"     | Oxigênio       | BALS05     | IBIS05     | 26054              | GOOS05     | 26055               |  |
| 5/16"   | Acetileno | BALS06         | IBIS06     | 26053      | GOOS06             | 26056      |                     |  |



| MANGUEIRA AGUA AR   |                    |                |            |               | MANGUEIRA AGUA AR 75 LIBRAS |              |               |            |
|---|--------------------|----------------|------------|---------------|-----------------------------|--------------|---------------|------------|
|  | Balflex (Baldrill) |                |            |               | <b>Ø</b>                    | <b>Lonas</b> | <b>Parede</b> | <b>REF</b> |
|   | <b>Ø</b>           | <b>Pressão</b> | <b>REF</b> | <b>Codigo</b> | 1/2"                        |              |               | TRA7501    |
|   | 1.1/4"             | 300PSI         | BALD01     | 16450         | 5/8"                        |              |               | TRA7502    |
|   | 1.1/2"             | 300PSI         | BALD02     | 16451         | 3/4"                        |              |               | TRA7503    |
|   | 2"                 | 300PSI         | BALD03     | 16452         | 7/8"                        |              |               | TRA7504    |
|   | 2.1/2"             | 300PSI         | BALD04     | 16453         | 1"                          |              |               | TRA7505    |
|   | 3"                 | 300PSI         | BALD05     | 16454         | 1.1/8"                      | 2            | 7mm           | TRA7506    |
|   | 4"                 | 300PSI         | BALD06     | 16455         | 1.1/4"                      | 2            | 7mm           | TRA7507    |
|   |                    |                |            | 1.3/8"        | 2                           | 7mm          | TRA7508       |            |



|        |   |      |         |
|--------|---|------|---------|
| 1.1/2" | 2 | 7mm  | TRA7509 |
| 1.5/8" | 2 | 7mm  | TRA7510 |
| 1.3/4" | 2 | 7mm  | TRA7511 |
| 1.7/8" | 2 | 7mm  | TRA7512 |
| 2"     | 2 | 7mm  | TRA7513 |
| 2.1/4" | 2 | 7mm  | TRA7514 |
| 2.3/8" |   |      | TRA7515 |
| 2.1/2" | 2 | 7mm  | TRA7516 |
| 2.3/4" |   |      | TRA7517 |
| 3"     | 2 | 7mm  | TRA7518 |
| 3.1/2" | 2 | 7mm  | TRA7519 |
| 4"     |   |      | TRA7520 |
| 4.1/2" | 3 | 10mm | TRA7521 |
| 5"     |   |      | TRA7522 |
| 6"     |   |      | TRA7523 |

| MANGUEIRA DE ABASTECIMENTO |                    |        |        |
|----------------------------|--------------------|--------|--------|
| Ø                          | Descrição          | REF    | Codigo |
| 3/4"                       | Goodyear tr textil | MAG001 | 16693  |
| 3/4"                       | Goodyear tr de aço | MAG003 | 16695  |
| 3/4"                       | Balflex tr de aço  | MAB001 | 16696  |
| 1"                         | Goodyear tr textil | MAG002 | 16694  |
| 1"                         | Goodyear tr de aço | MAG004 | 26014  |



| MANGUEIRA AGUA AR 150 LIBRAS |       |        |          |        | MANGUEIRA AGUA AR 300 LIBRAS |       |        |          |
|------------------------------|-------|--------|----------|--------|------------------------------|-------|--------|----------|
| Ø                            | Lonas | Parede | REF      | Codigo | Ø                            | Lonas | Parede | REF      |
| 1/2"                         |       |        | TRA15001 | 12056  | 1/2"                         |       |        | TRA30001 |
| 5/8"                         |       |        | TRA15002 | 12057  | 5/8"                         |       |        | TRA30002 |
| 3/4"                         |       |        | TRA15003 | 12058  | 3/4"                         |       |        | TRA30003 |
| 7/8"                         |       |        | TRA15004 | 12059  | 7/8"                         |       |        | TRA30004 |
| 1"                           |       |        | TRA15005 | 12060  | 1"                           |       |        | TRA30005 |
| 1.1/8"                       |       |        | TRA15006 | 12061  | 1.1/8"                       |       |        | TRA30006 |
| 1.1/4"                       | 3     | 8mm    | TRA15007 | 12062  | 1.1/4"                       |       |        | TRA30007 |
| 1.3/8"                       |       |        | TRA15008 | 12063  | 1.3/8"                       |       |        | TRA30008 |
| 1.1/2"                       | 3     | 8mm    | TRA15009 | 12064  | 1.1/2"                       | 4     | 9mm    | TRA30009 |
| 1.5/8"                       |       |        | TRA15010 | 12065  | 1.5/8"                       |       |        | TRA30010 |
| 1.3/4"                       |       |        | TRA15011 | 12066  | 1.3/4"                       |       |        | TRA30011 |
| 1.7/8"                       |       |        | TRA15012 | 12067  | 1.7/8"                       |       |        | TRA30012 |
| 2"                           | 4     | 9mm    | TRA15013 | 12068  | 2"                           | 4     | 10mm   | TRA30013 |
| 2.1/4"                       |       |        | TRA15014 | 12069  | 2.1/4"                       |       |        | TRA30014 |
| 2.3/8"                       |       |        | TRA15015 | 12070  | 2.3/8"                       |       |        | TRA30015 |
| 2.1/2"                       | 4     | 10mm   | TRA15016 | 12071  | 2.1/2"                       | 6     | 11mm   | TRA30016 |
| 2.3/4"                       |       |        | TRA15017 | 12072  | 2.3/4"                       |       |        | TRA30017 |
| 3"                           | 4     | 11mm   | TRA15018 | 12073  | 3"                           | 6     | 11mm   | TRA30018 |
| 3.1/2"                       |       |        | TRA15019 | 12074  | 3.1/2"                       |       |        | TRA30019 |
| 4"                           | 5     | 11mm   | TRA15020 | 12075  | 4"                           |       | 12mm   | TRA30020 |
| 4.1/2"                       |       |        | TRA15021 | 12076  | 4.1/2"                       |       |        | TRA30021 |
| 5"                           |       |        | TRA15022 | 12077  | 5"                           |       |        | TRA30022 |
| 6"                           |       |        | TRA15023 | 12078  | 6"                           |       |        | TRA30023 |

| MANGUEIRA JATO DE AREIA |         |           |        |                  | MANGUEIRA SUCÇÃO E DESCARGA DE ÓLEO |        |  |
|-------------------------|---------|-----------|--------|------------------|-------------------------------------|--------|--|
| Ø                       | Pressão | REF       | Codigo | AUTOTANK 150 PSI |                                     |        |  |
| 1/2"                    | 150PSI  | TRJA15001 | 26102  | Ø                | REF                                 | Codigo |  |



|        |        |           |       |
|--------|--------|-----------|-------|
| 5/8"   | 150PSI | TRJA15002 | 26103 |
| 3/4"   | 150PSI | TRJA15003 | 26104 |
| 7/8"   | 150PSI | TRJA15004 |       |
| 1"     | 150PSI | TRJA15005 | 26105 |
| 1.1/8" | 150PSI | TRJA15006 |       |
| 1.1/4" | 150PSI | TRJA15007 | 26106 |
| 1.3/8" | 150PSI | TRJA15008 |       |
| 1.1/2" | 150PSI | TRJA15009 | 26107 |
| 1.5/8" | 150PSI | TRJA15010 |       |
| 1.3/4" | 150PSI | TRJA15011 | 26108 |
| 1.7/8" | 150PSI | TRJA15012 |       |
| 2"     | 150PSI | TRJA15013 | 26109 |
| 2.1/4" | 150PSI | TRJA15014 |       |
| 2.3/8" | 150PSI | TRJA15015 |       |
| 2.1/2" | 150PSI | TRJA15016 | 26110 |
| 3"     | 150PSI | TRJA15018 | 26111 |
| 3.1/2" | 150PSI | TRJA15019 |       |
| 4"     | 150PSI | TRJA15020 | 26112 |



|        |        |       |
|--------|--------|-------|
| 1"     | BALK01 | 12331 |
| 1.1/4" | BALK02 | 12332 |
| 1.1/2" | BALK03 | 12333 |
| 2"     | BALK04 | 12334 |
| 2.1/2" | BALK05 | 12337 |
| 3"     | BALK06 | 12338 |
| 3.1/2" | BALK07 | 12335 |
| 4"     | BALK08 | 12336 |

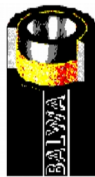
#### MANGUEIRA SUÇÃO E DESCARGA DE ÓLEO

##### OILTANK 150 PSI

| Ø      | REF    | Codigo |
|--------|--------|--------|
| 1.1/4" | BALO01 | 16463  |
| 1.1/2" | BALO02 | 24617  |
| 2"     | BALO03 | 16465  |
| 3"     | BALO04 | 16466  |
| 4"     | BALO05 | 16467  |



| MANGUEIRA PARA VAPOR 250 PSI |        |        |  |
|------------------------------|--------|--------|--|
| Ø                            | REF    | Codigo |  |
| 1/2"                         | BALV01 | 27390  |  |
| 3/4"                         | BALV02 | 27391  |  |
| 1"                           | BALV03 | 27392  |  |
| 1.1/4"                       | BALV04 | 27393  |  |
| 1.1/2"                       | BALV05 | 27394  |  |



| FREIO HIDRAULICO      |     |        |
|-----------------------|-----|--------|
| SAE J 1401 2900 PSI   |     |        |
| Ø                     | REF | Codigo |
| 1/8"                  | J03 | 16479  |
| Terminal quebra-galho |     |        |
| 1/8"                  | T03 | 7      |



| MANG. PARA COMBUSTIVEL LONADA |         |        |  |
|-------------------------------|---------|--------|--|
| Ø int. x ext                  | REF     | Codigo |  |
| 3 x 7                         | MCLI001 | 16704  |  |
| 4 x 9                         | MCLI002 | 16705  |  |
| 5 x 10                        | MCLI003 | 16706  |  |
| 6 x 11                        | MCLI004 | 16707  |  |
| 7 x 12                        | MCLI005 | 16708  |  |
| 7,5 x 14,5                    | MCLI006 | 16709  |  |
| 10 x 16                       | MCLI007 | 16710  |  |
| 12,7 x 19                     | MCLI008 | 16711  |  |



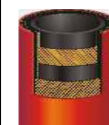
| MANGUEIRA PARA HIDROVACUO  |        |        |  |
|----------------------------|--------|--------|--|
| Ø int. x ext               | REF    | Codigo |  |
| 8,5 x 16,5                 | MHI001 | 16712  |  |
| 9,5 x 16,5                 | MHI002 | 16713  |  |
| 11 x 20                    | MHI003 | 16714  |  |
| 12 x 20                    | MHI004 | 16715  |  |
| Para ar do freio hidrovacu |        |        |  |



| MANGUEIRA GÁS NORMATIZADAS 3/8" |           |        |
|---------------------------------|-----------|--------|
| Comp.                           | REF       | Codigo |
| 800 mm                          | MGLPAI001 | 16690  |
| 1 mt                            | MGLPAI002 | 16691  |
| 1,25 mts                        | MGLPAI003 | 16692  |



| MANGUEIRA PARA INJEÇÃO ELETRÔNICA     |         |        |
|---------------------------------------|---------|--------|
| Ø int. x ext                          | REF     | Codigo |
| 5 x 10,5                              | MIEI001 | 16716  |
| 7 x 13,0                              | MIEI002 | 16717  |
| 8 x 14,5                              | MIEI003 | 16718  |
| Preta para combustivel (alta pressão) |         |        |



| MANGUEIRA PARA AR CONDICIONADO |       |        |
|--------------------------------|-------|--------|
| Ø                              | REF   | Codigo |
| 5/16"                          | MACG1 | 16686  |



| MANGUEIRA PARA SOLVENTES |        |        |
|--------------------------|--------|--------|
| Ø                        | REF    | Codigo |
| 1/4"                     | ORTAC4 | 25464  |
| 5/16"                    | ORTAC5 | 16701  |
| 3/8"                     | ORTAC6 | 16702  |



|        |       |       |
|--------|-------|-------|
| 13/32" | MACG2 | 16687 |
| 1/2"   | MACG3 | 16688 |
| 5/8"   | MACG4 | 16689 |

|      |        |       |
|------|--------|-------|
| 1/2" | ORTAC8 | 16703 |
|------|--------|-------|

camada int. de nylon, para os gases R12 e 134A



### Mangueira para gas - GLP Preta

| Ø    | REF    | Codigo |
|------|--------|--------|
| 1/4" | GLP001 | 25568  |
| 3/8" | GLP002 | 25367  |
| 1/2" | GLP003 | 25368  |
| 5/8" | GLP004 | 25569  |
| 3/4" | GLP005 | 27408  |

### MANGUEIRA PARA COMBATE A INCENDIO

| Ø x comprimento | TIPO   | REF     |
|-----------------|--------|---------|
| 1.1/2 x 15 mts  | 1 PRED | MCIP101 |
| 1.1/2 x 20 mts  | 1 PRED | MCIP102 |
| 1.1/2 x 30 mts  | 1 PRED | MCIP103 |
| 1.1/2 x 15 mts  | 2 INDU | MCIP204 |
| 1.1/2 x 20 mts  | 2 INDU | MCIP205 |
| 1.1/2 x 30 mts  | 2 INDU | MCIP206 |
| 2.1/2 x 15 mts  | 2 INDU | MCIP207 |
| 2.1/2 x 20 mts  | 2 INDU | MCIP208 |
| 2.1/2 x 30 mts  | 2 INDU | MCIP209 |

### MANG. LAVA JATO SEM TRAMA 1/4" 2150 PSI

| Ø    | REF    |
|------|--------|
| 1/4" | MLJ1/4 |




### MANG. VAPOR FRIGORIFICO 50 PSI / 80°C


| Ø    | REF     |
|------|---------|
| 3/4" | MVFS002 |
| 1"   | MVFS001 |

## Mangueiras PVC


### Mangueira Cristal Sucção e Descarga Atóxica Com Arame

|   | Ø     | Pressão | REF     | Codigo |
|---|-------|---------|---------|--------|
|  | 12MM  | 100PSI  | BALST01 | 16390  |
|   | 14MM  | 85PSI   | BALST02 | 16391  |
|   | 16MM  | 85PSI   | BALST03 | 16392  |
|   | 20MM  | 70PSI   | BALST04 | 16394  |
|   | 22MM  | 70PSI   | BALST05 | 16395  |
|   | 25MM  | 70PSI   | BALST06 | 16396  |
|   | 32MM  | 60PSI   | BALST07 | 16397  |
|   | 38MM  | 60PSI   | BALST08 | 16398  |
|   | 45MM  | 40PSI   | BALST09 | 16399  |
|   | 50MM  | 40PSI   | BALST10 | 16400  |
|   | 60MM  | 85PSI   | BALST11 | 16421  |
|   | 75MM  | 29PSI   | BALST12 | 16401  |
|   | 100MM | 29PSI   | BALST13 | 16402  |


### Mangueira Marrom Sucção e Descarga

|   | Ø     | Pressão | REF     | Codigo |
|---|-------|---------|---------|--------|
|  | 1"    | 120 PSI | IBIOQ01 | 25971  |
|   | 1"1/4 | 110 PSI | IBIOQ02 | 25972  |
|   | 1"1/2 | 100 PSI | IBIOQ03 | 12326  |
|   | 2"    | 100 PSI | IBIOQ04 | 12327  |
|   | 2"1/2 | 90 PSI  | IBIOQ05 | 12328  |
|   | 3"    | 90 PSI  | IBIOQ06 | 12329  |
|   | 4"    | 80 PSI  | IBIOQ07 | 12330  |


### Mangueira Azul Sucção e Descarga Leve

|  | Ø     | Pressão | REF    | Codigo |
|--|-------|---------|--------|--------|
|  | 1/2   | 100PSI  | IBIL01 | 25969  |
|  | 3/4   | 100PSI  | IBIL02 | 12293  |
|  | 1"    | 90 PSI  | IBIL03 | 12294  |
|  | 1"1/4 | 80 PSI  | IBIL04 | 12295  |
|  | 1"1/2 | 80 PSI  | IBIL05 | 12296  |
|  | 2"    | 80 PSI  | IBIL06 | 12297  |
|  | 2"1/2 | 75 PSI  | IBIL07 | 12298  |
|  | 3"    | 70 PSI  | IBIL08 | 12299  |
|  | 4"    | 65 PSI  | IBIL09 | 12300  |
|  | 5"    | 60 PSI  | IBIL10 | 12301  |
|  | 6"    | 55 PSI  | IBIL11 | 12302  |


### Mangueira Cristal Atóxica Sucção e Descarga sem arame

|   | Ø     | Pressão | REF     | Codigo |
|---|-------|---------|---------|--------|
|  | 3/4"  | 100PSI  | IBIQA01 | 25891  |
|   | 1"    | 90 PSI  | IBIQA02 | 25896  |
|   | 1"1/4 | 80 PSI  | IBIQA03 | 25892  |
|   | 1"1/2 | 80 PSI  | IBIQA04 | 16387  |
|   | 2"    | 80 PSI  | IBIQA05 | 16388  |
|   | 2"1/2 | 75 PSI  | IBIQA06 | 25893  |
|   | 3"    | 70 PSI  | IBIQA07 | 25894  |
|   | 4"    | 65 PSI  | IBIQA08 | 25895  |


### Mangueira Vacuo- Ar Pesada Azul

|   | Ø     | Pressão | REF     | Codigo |
|---|-------|---------|---------|--------|
|  | 3/4"  | 12PSI   | IBIAP01 | 12303  |
|   | 1"    | 12PSI   | IBIAP02 | 12304  |
|   | 1"1/4 | 12PSI   | IBIAP03 | 12305  |
|   | 1"1/2 | 12PSI   | IBIAP04 | 12306  |
|   | 2"    | 11PSI   | IBIAP05 | 12307  |
|   | 2"1/2 | 11PSI   | IBIAP06 | 12308  |
|   | 3"    | 10PSI   | IBIAP07 | 12309  |
|   | 4"    | 8PSI    | IBIAP08 | 12310  |
|   | 5"    | 8PSI    | IBIAP09 | 12311  |
|   | 6"    | 7PSI    | IBIAP10 | 12312  |
|   | 8"    | 7PSI    | IBIAP11 | 12313  |


### Mangueira Laranja Sucção e Descarga Pesada

|   | Ø     | Pressão | REF    | Codigo |
|---|-------|---------|--------|--------|
|  | 2"    | 100 PSI | IBIP01 | 12286  |
|   | 2"1/2 | 100 PSI | IBIP02 | 12287  |
|   | 3"    | 90 PSI  | IBIP03 | 12288  |
|   | 4"    | 80 PSI  | IBIP04 | 12289  |
|   | 5"    | 70 PSI  | IBIP05 | 12290  |
|   | 6"    | 65 PSI  | IBIP06 | 12291  |
|   | 8"    | 50PSI   | IBIP07 | 12292  |
|   | 10"   | 50PSI   | IBIP08 | 25970  |

### Mangueira Vacuo-ar Leve Cinza

|   | Ø    | Pressão | REF     | Codigo |
|---|------|---------|---------|--------|
|  | 1/2" | 8PSI    | IBIAL01 | 25973  |
|   | 3/4" | 8PSI    | IBIAL02 | 12314  |

### Mang. para Pulverização Agrícola

|   | Ø     | Pressão | REF    | Codigo |
|---|-------|---------|--------|--------|
|  | 1/4"  | 700PSI  | IBIY01 | 25992  |
|   | 5/16" | 700PSI  | IBIY02 | 25993  |
|   | 3/8"  | 700PSI  | IBIY03 | 25994  |
|   | 1/2"  | 700PSI  | IBIY04 | 25995  |



|       |      |         |       |
|-------|------|---------|-------|
| 1"    | 8PSI | IBIAL03 | 12315 |
| 1"1/4 | 8PSI | IBIAL04 | 12316 |
| 1"1/2 | 8PSI | IBIAL05 | 12317 |
| 2"    | 8PSI | IBIAL06 | 12318 |
| 2"1/2 | 7PSI | IBIAL07 | 12319 |
| 3"    | 7PSI | IBIAL08 | 12320 |
| 4"    | 6PSI | IBIAL09 | 12321 |
| 5"    | 5PSI | IBIAL10 | 12322 |
| 6"    | 4PSI | IBIAL11 | 12323 |
| 8"    | 4PSI | IBIAL12 | 12324 |

|      |        |        |       |
|------|--------|--------|-------|
| 5/8" | 700PSI | IBIY05 | 25996 |
| 3/4" | 700PSI | IBIY06 | 25997 |
| 1"   | 700PSI | IBIY07 | 25998 |

#### Mangueira Flutuante para Piscina

| $\emptyset$ | Pressão | REF     | Codigo |
|-------------|---------|---------|--------|
| 1.1/2"      | 12PSI   | IBIFP01 | 12325  |

#### Mangueira Chata para Recalque e Descarga



| $\emptyset$ | Pressão | REF    | Codigo |
|-------------|---------|--------|--------|
| 1.1/2"      | 90PSI   | IBIT01 | 26000  |
| 2"          | 90PSI   | IBIT02 | 18537  |
| 2.1/2"      | 90PSI   | IBIT03 | 18538  |
| 3"          | 60PSI   | IBIT04 | 18539  |
| 4"          | 60PSI   | IBIT05 | 18540  |
| 5"          | 60PSI   | IBIT06 | 988    |
| 6"          | 60PSI   | IBIT07 | 2E+05  |

#### Mangueira Cristal Trançada



| $\emptyset$ | Pressão | REF     | Codigo |
|-------------|---------|---------|--------|
| 3/16"       | 250PSI  | IBITR01 | 26010  |
| 1/4"        | 250PSI  | IBITR02 | 12545  |
| 5/16"       | 250PSI  | IBITR03 | 12546  |
| 3/8"        | 250PSI  | IBITR04 | 12547  |
| 1/2"        | 250PSI  | IBITR05 | 12548  |
| 5/8"        | 250PSI  | IBITR06 | 12549  |
| 3/4"        | 250PSI  | IBITR07 | 12550  |
| 1"          | 250PSI  | IBITR09 | 12551  |
| 1.1/4"      | 250PSI  | IBITR10 | 12552  |
| 1.1/2"      | 250PSI  | IBITR11 | 26011  |
| 2"          | 250PSI  | IBITR12 | 12554  |

#### Mangueira Cristal Transparente



| $\emptyset$ | Parede | REF    | Codigo | R\$  | Parede | REF    | Codigo |
|-------------|--------|--------|--------|------|--------|--------|--------|
| 1/8"        | 1mm    | IBIC01 | 26025  | 0,58 | 2mm    | IBIC14 | 26032  |
| 3/16"       | 1mm    | IBIC02 | 26026  | 0,69 | 2mm    | IBIC15 | 12555  |
| 1/4"        | 1mm    | IBIC03 | 26027  | 0,92 | 2mm    | IBIC16 | 12556  |
| 5/16"       | 1mm    | IBIC04 | 26028  | 1,04 | 2mm    | IBIC17 | 12557  |
| 3/8"        | 1mm    | IBIC05 | 26029  | 1,27 | 2mm    | IBIC18 | 12558  |
| 1/2"        | 1mm    | IBIC06 | 26030  | 1,50 | 2mm    | IBIC19 | 12559  |
| 5/8"        | 2mm    | IBIC07 | 12560  | 3,45 | 2,5mm  | IBIC20 | 26033  |
| 3/4"        | 2mm    | IBIC08 | 12564  | 3,80 | 2,5mm  | IBIC21 | 26034  |
| 7/8"        | 2mm    | IBIC09 | 26031  | 4,03 | 2,5mm  | IBIC22 | 26035  |
| 1"          | 2mm    | IBIC10 | 12565  | 5,06 | 2,5mm  | IBIC23 | 26036  |
| 1.1/4"      |        |        |        |      | 3mm    | IBIC24 | 26037  |
| 1.1/2"      |        |        |        |      | 3mm    | IBIC25 | 26038  |
| 2"          |        |        |        |      | 3mm    | IBIC26 | 26039  |

#### Mangueira para Jardim

| $\emptyset$ | REF   | Codigo | Descrição  |
|-------------|-------|--------|--|
| 1/2"        | MJ001 | 25859  | Mangueira Reciclada 1/2" x 2,0 mm 60 Psi Ibirá         |
| 1/2"        | MJ002 | 26022  | Mangueira Reciclada 1/2" x 2,5 mm 60 Psi Ibirá         |
| 1/2"        | MJ003 | 26023  | Mangueira Jardim Verde 1/2" x 3,0mm 100 Psi Manluplast |
| 1/2"        | MJ004 | 12517  | Mangueira Jardim Faixa Branca 1/2" x 2,5mm 180 Psi R&C |

|      |       |       |  |
|------|-------|-------|--|
| 1/2" | MJ005 | 12518 | Mangueira Jardim Faixa Azul 1/2" x 2,5mm 300 Psi R&C |
| 1/2" | MJ006 | 12515 | Mangueira Jd. Azul 1/2" x 2,5mm 180 Psi Ibirá        |
| 1/2" | MJ007 | 12516 | Mangueira Jd Greenflex 1/2" x 3,0mm 150 Psi R&C      |
| 1/2" | MJ008 | 12519 | Mangueira Jardim 1/2" x 3,5mm 350 Psi R&C            |
| 1/2" | MJ009 | 12520 | Mangueira Goodyear 1/2" x 2,5mm 180 Psi              |
| 3/4" | MJ010 | 26024 | Mangueira Jardim 3/4" x 3,0mm 180 Psi Pvc            |
| 3/4" | MJ011 | 1122  | Mangueira Goodyear 3/4" x 3,5mm 180 Psi              |
| 1"   | MJ012 | 1123  | Mangueira Goodyear 1" x 4,0mm 180 Psi                |

