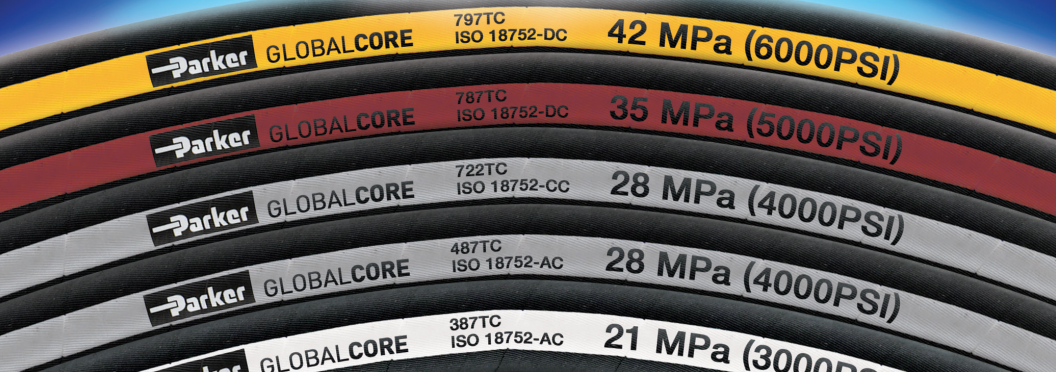


# GLOBALCORE™



## Quick Reference Guide



ENGINEERING YOUR SUCCESS.



# Five Hoses. Two Fittings. One Solution.

## Step 3. Identify your GlobalCore hose

| GlobalCore Hose by Size/Type/PSI |      |                         |                         |                         |                         |                         |                                  |                |                |                |
|----------------------------------|------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------------|----------------|----------------|----------------|
| PSI                              | Type | -4                      | -6                      | -8                      | -10                     | -12                     | -16                              | -20            | -24            | -32            |
| 3,000                            | AC   | 387<br>387TC*<br>387ST* | 387<br>387TC*<br>387ST* | 387<br>387TC*<br>387ST* | 387<br>387TC*<br>387ST* | 387<br>387TC*<br>387ST* | 387<br>387TC*<br>387ST*          | -              | -              | -              |
|                                  | BC   | -                       | -                       | -                       | -                       | -                       | -                                | 387            | 387            | 387            |
|                                  | CC   | -                       | -                       | -                       | -                       | -                       | -                                | 387TC<br>387ST | 387TC<br>387ST | 387TC<br>387ST |
| 4,000                            | AC   | 487<br>487TC*<br>487ST* | 487<br>487TC*<br>487ST* | 487<br>487TC*<br>487ST* | 487<br>487TC*<br>487ST* | 487<br>487TC*<br>487ST* | -                                | -              | -              | -              |
|                                  | BC   | -                       | 722                     | 722                     | 722                     | 722                     | 487<br>722                       | 487            | 487            | 487            |
|                                  | CC   | -                       | 722TC<br>722ST          | 722TC<br>722ST          | 722TC<br>722ST          | 722TC<br>722ST          | 487TC<br>487ST<br>722TC<br>722ST | 487TC<br>487ST | 487TC<br>487ST | 487TC          |
| 5,000                            | AC   | 787<br>787TC<br>787ST   | 787<br>787TC<br>787ST   | -                       | -                       | -                       | -                                | -              | -              | -              |
|                                  | BC   | -                       | -                       | 787                     | 787                     | 787                     | 787                              | 787            | 787            | 787            |
|                                  | DC   | -                       | -                       | 787TC                   | 787TC                   | 787TC                   | 787TC                            | 787TC          | 787TC          | 787TC          |
| 6,000                            | AC   | 797<br>797TC<br>797ST   | -                       | -                       | -                       | -                       | -                                | -              | -              | -              |
|                                  | BC   | -                       | 797                     | 797                     | 797                     | 797                     | 797                              | 797            | 797            | 797            |
|                                  | CC   | -                       | 797TC<br>797ST          | -                       | -                       | -                       | -                                | -              | 797TC          | 797TC          |
|                                  | DC   | -                       | -                       | 797TC                   | 797TC                   | 797TC                   | 797TC                            | 797TC          | -              | -              |

\* "AC" cycles, "CC" temperature

## Step 4. Identify your GlobalCore fitting

| GlobalCore Fittings by Size/Type/PSI |      |    |    |    |     |     |     |       |     |     |
|--------------------------------------|------|----|----|----|-----|-----|-----|-------|-----|-----|
| PSI                                  | Type | -4 | -6 | -8 | -10 | -12 | -16 | -20   | -24 | -32 |
| 3,000                                | AC   | 43 | 43 | 43 | 43  | 43  | 43  | -     | -   | -   |
|                                      | BC   | -  | -  | -  | -   | -   | -   | 43,77 | 77  | 77  |
|                                      | CC   | -  | -  | -  | -   | -   | -   | 43,77 | 77  | 77  |
| 4,000                                | AC   | 43 | 43 | 43 | 43  | 43  | -   | -     | -   | -   |
|                                      | BC   | -  | 43 | 43 | 43  | 43  | 43  | 77    | 77  | 77  |
|                                      | CC   | -  | 43 | 43 | 43  | 43  | 43  | 77    | 77  | 77  |
| 5,000                                | AC   | 43 | 43 | -  | -   | -   | -   | -     | -   | -   |
|                                      | BC   | -  | -  | 77 | 77  | 77  | 77  | 77    | 77  | 77  |
|                                      | DC   | -  | -  | 77 | 77  | 77  | 77  | 77    | 77  | 77  |
| 6,000                                | AC   | 43 | -  | -  | -   | -   | -   | -     | -   | -   |
|                                      | BC   | -  | 43 | 77 | 77  | 77  | 77  | 77    | 77  | 77  |
|                                      | CC   | -  | 43 | -  | -   | -   | -   | -     | 77  | 77  |
|                                      | DC   | -  | -  | 77 | 77  | 77  | 77  | 77    | -   | -   |

For additional information, please see HPD bulletin 4480-B175.

# 387

## Hydraulic - Constant Working Pressure

ISO 18752 - AC/BC/CC



| # Part Number | Standard Cover | TC Tough Cover | ST Super Tough | Hose I.D. |      | Hose O.D. |      | Working Pressure |     | Minimum Bend Radius |     | Weight |      | Parkrimp 43 Series | Parkrimp 77 Series |
|---------------|----------------|----------------|----------------|-----------|------|-----------|------|------------------|-----|---------------------|-----|--------|------|--------------------|--------------------|
|               |                |                |                | inch      | mm   | inch      | mm   | psi              | MPa | inch                | mm  | lbs/ft | kg/m |                    |                    |
| 387-4         | AC             | AC             | AC             | 1/4       | 6,3  | 0.53      | 13,4 | 3000             | 21  | 2                   | 50  | 0.16   | 0,24 | •                  | •                  |
| 387-6         | AC             | AC             | AC             | 3/8       | 10   | 0.69      | 17,4 | 3000             | 21  | 2-1/2               | 65  | 0.23   | 0,34 | •                  | •                  |
| 387-8         | AC             | AC             | AC             | 1/2       | 12,5 | 0.82      | 20,7 | 3000             | 21  | 3-1/2               | 90  | 0.29   | 0,43 | •                  | •                  |
| 387-10        | AC             | AC             | AC             | 5/8       | 16   | 0.94      | 23,9 | 3000             | 21  | 4                   | 100 | 0.33   | 0,49 | •                  | •                  |
| 387-12        | AC             | AC             | AC             | 3/4       | 19   | 1.10      | 27,8 | 3000             | 21  | 4-3/4               | 120 | 0.58   | 0,86 | •                  | •                  |
| 387-16        | AC             | AC             | AC             | 1         | 25   | 1.40      | 35,4 | 3000             | 21  | 6                   | 150 | 0.79   | 1,17 | •                  | •                  |
| 387-20        | BC             | CC             | CC             | 1-1/4     | 31,5 | 1.82      | 46,3 | 3000             | 21  | 8-1/4               | 210 | 1.74   | 2,59 | •                  | •                  |
| 387-24        | BC             | CC             | CC             | 1-1/2     | 38   | 2.08      | 52,8 | 3000             | 21  | 10                  | 250 | 2.01   | 2,99 | •                  | •                  |
| 387-32        | BC             | CC             | CC             | 2         | 51   | 2.61      | 66,2 | 3000             | 21  | 12-1/2              | 320 | 2.75   | 4,09 | •                  | •                  |

# 487

## Hydraulic - Constant Working Pressure

ISO 18752 - AC/BC/CC



| # Part Number | Standard Cover | TC Tough Cover | ST Super Tough | Hose I.D. |      | Hose O.D. |      | Working Pressure |     | Minimum Bend Radius |     | Weight |      | Parkrimp 43 Series | Parkrimp 77 Series |
|---------------|----------------|----------------|----------------|-----------|------|-----------|------|------------------|-----|---------------------|-----|--------|------|--------------------|--------------------|
|               |                |                |                | inch      | mm   | inch      | mm   | psi              | MPa | inch                | mm  | lbs/ft | kg/m |                    |                    |
| 487-4         | AC             | AC             | AC             | 1/4       | 6,3  | 0.52      | 13,1 | 4000             | 28  | 2                   | 50  | 0.20   | 0,30 | •                  | •                  |
| 487-6         | AC             | AC             | AC             | 3/8       | 10   | 0.68      | 17,2 | 4000             | 28  | 2-1/2               | 65  | 0.28   | 0,42 | •                  | •                  |
| 487-8         | AC             | AC             | AC             | 1/2       | 12,5 | 0.81      | 20,4 | 4000             | 28  | 3-1/2               | 90  | 0.35   | 0,52 | •                  | •                  |
| 487-10        | AC             | AC             | AC             | 5/8       | 16   | 0.94      | 23,9 | 4000             | 28  | 4                   | 100 | 0.44   | 0,66 | •                  | •                  |
| 487-12        | AC             | AC             | AC             | 3/4       | 19   | 1.10      | 27,8 | 4000             | 28  | 4-3/4               | 120 | 0.58   | 0,86 | •                  | •                  |
| 487-16        | BC             | CC             | CC             | 1         | 25   | 1.49      | 37,8 | 4000             | 28  | 6                   | 150 | 1.34   | 1,99 | •                  | •                  |
| 487-20        | BC             | CC             | CC             | 1-1/4     | 31,5 | 1.82      | 46,3 | 4000             | 28  | 8-1/4               | 210 | 1.74   | 2,59 | •                  | •                  |
| 487-24        | BC             | CC             | CC             | 1-1/2     | 38   | 2.03      | 52,8 | 4000             | 28  | 10                  | 250 | 2.07   | 3,08 | •                  | •                  |
| 487-32        | BC             | CC             | CC             | 2         | 51   | 2.65      | 67,3 | 4000             | 28  | 12-1/2              | 320 | 4.35   | 6,47 | •                  | •                  |

# 722

## Hydraulic - Constant Working Pressure

ISO 18752 - BC/CC



| # Part Number | Standard Cover | TC Tough Cover | ST Super Tough | Hose I.D. |      | Hose O.D. |      | Working Pressure |     | Minimum Bend Radius |     | Weight |      | Parkrimp 43 Series |
|---------------|----------------|----------------|----------------|-----------|------|-----------|------|------------------|-----|---------------------|-----|--------|------|--------------------|
|               |                |                |                | inch      | mm   | inch      | mm   | psi              | MPa | inch                | mm  | lbs/ft | kg/m |                    |
| 722-6         | BC             | CC             | CC             | 3/8       | 10   | 0.78      | 19,9 | 4000             | 28  | 2-1/2               | 65  | 0.40   | 0,60 | •                  |
| 722-8         | BC             | CC             | CC             | 1/2       | 12,5 | 0.89      | 22,7 | 4000             | 28  | 3-1/2               | 90  | 0.54   | 0,80 | •                  |
| 722-10        | BC             | CC             | CC             | 5/8       | 16   | 1.04      | 26,4 | 4000             | 28  | 4                   | 100 | 0.74   | 1,10 | •                  |
| 722-12        | BC             | CC             | CC             | 3/4       | 19   | 1.21      | 30,7 | 4000             | 28  | 4-3/4               | 120 | 0.94   | 1,40 | •                  |
| 722-16        | BC             | CC             | CC             | 1         | 25   | 1.50      | 37,8 | 4000             | 28  | 6                   | 150 | 1.34   | 1,99 | •                  |

# 787

## Hydraulic - Constant Working Pressure

ISO 18752 - AC/BC/DC



| # Part Number | Standard Cover | TC Tough Cover | ST Super Tough | Hose I.D. |      | Hose O.D. |      | Working Pressure |     | Minimum Bend Radius |     | Weight |      | Parkrimp  |           |
|---------------|----------------|----------------|----------------|-----------|------|-----------|------|------------------|-----|---------------------|-----|--------|------|-----------|-----------|
|               |                |                |                | inch      | mm   | inch      | mm   | psi              | MPa | inch                | mm  | lbs/ft | kg/m | 43 Series | 77 Series |
| 787-4         | AC             | AC             | AC             | 1/4       | 6,3  | 0.51      | 13   | 5000             | 35  | 2                   | 50  | 0.21   | 0,31 | •         | •         |
| 787-6         | AC             | AC             | AC             | 3/8       | 10   | 0.68      | 17,2 | 5000             | 35  | 2-1/2               | 63  | 0.28   | 0,42 | •         | •         |
| 787-8         | BC             | DC             | DC             | 1/2       | 12,5 | 0.83      | 21,1 | 5000             | 35  | 3-1/2               | 90  | 0.45   | 0,67 | •         | •         |
| 787-10        | BC             | DC             | DC             | 5/8       | 16   | 0.94      | 23,9 | 5000             | 35  | 4                   | 100 | 0.54   | 0,80 | •         | •         |
| 787-12        | BC             | DC             | DC             | 3/4       | 19   | 1.10      | 27,9 | 5000             | 35  | 4-3/4               | 120 | 0.78   | 1,16 | •         | •         |
| 787-16        | BC             | DC             | DC             | 1         | 25   | 1.40      | 35,7 | 5000             | 35  | 6                   | 150 | 1.17   | 1,74 | •         | •         |
| 787-20        | BC             | DC             | DC             | 1-1/4     | 31,5 | 1.77      | 44,9 | 5000             | 35  | 8-1/4               | 210 | 1.95   | 2,89 | •         | •         |
| 787-24        | BC             | DC             | DC             | 1-1/2     | 38   | 2.08      | 52,8 | 5000             | 35  | 10                  | 255 | 2.66   | 3,96 | •         | •         |
| 787-32        | BC             | DC             | DC             | 2         | 51   | 2.66      | 67,6 | 5000             | 35  | 12-1/2              | 318 | 4.37   | 6,50 | •         | •         |

# 797

## Hydraulic - Constant Working Pressure

ISO 18752 - AC/BC/CC/DC



| # Part Number | Standard Cover | TC Tough Cover | ST Super Tough | Hose I.D. |      | Hose O.D. |      | Working Pressure |     | Minimum Bend Radius |     | Weight |      | Parkrimp  |           |
|---------------|----------------|----------------|----------------|-----------|------|-----------|------|------------------|-----|---------------------|-----|--------|------|-----------|-----------|
|               |                |                |                | inch      | mm   | inch      | mm   | psi              | MPa | inch                | mm  | lbs/ft | kg/m | 43 Series | 77 Series |
| 797-4         | AC             | AC             | AC             | 1/4       | 6,3  | 0.51      | 13   | 6000             | 42  | 2                   | 50  | 0.21   | 0,31 | •         | •         |
| 797-6         | BC             | CC             | CC             | 3/8       | 10   | 0.66      | 17   | 6000             | 42  | 2-1/2               | 63  | 0.31   | 0,46 | •         | •         |
| 797-8         | BC             | CC             | CC             | 1/2       | 12,5 | 0.83      | 21,1 | 6000             | 42  | 4                   | 100 | 0.45   | 0,67 | •         | •         |
| 797-10        | BC             | DC             | DC             | 5/8       | 16   | 0.94      | 23,9 | 6000             | 42  | 4-1/2               | 115 | 0.54   | 0,80 | •         | •         |
| 797-12        | BC             | DC             | DC             | 3/4       | 19   | 1.10      | 27,9 | 6000             | 42  | 5-1/4               | 135 | 0.78   | 1,16 | •         | •         |
| 797-16        | BC             | DC             | DC             | 1         | 25   | 1.40      | 35,7 | 6000             | 42  | 6-1/2               | 165 | 1.17   | 1,74 | •         | •         |
| 797-20        | BC             | DC             | DC             | 1-1/4     | 31,5 | 1.77      | 44,9 | 6000             | 42  | 8-3/4               | 225 | 1.95   | 2,89 | •         | •         |
| 797-24        | BC             | CC             | CC             | 1-1/2     | 38   | 2.08      | 52,8 | 6000             | 42  | 12                  | 305 | 2.66   | 3,96 | •         | •         |
| 797-32        | BC             | CC             | CC             | 2         | 51   | 2.66      | 67,6 | 6000             | 42  | 15                  | 380 | 4.37   | 6,50 | •         | •         |