



Premium

## EC600

Core premium X-Flex  
four & six wire spiral hose

Meets or exceeds: SAE 100R15 | EN 856 4SH | EN 856 R13 | ISO 18752



EC600-12

19.0 MM (0.75 IN)  
DN19

Dura-Tuff  
X-Flex

Exceeds SAE 100R15 • ISO 18752  
MSHA IC-84/19 • ABS • DNV • USCG +

420 BAR (6100 PSI)

-40°C to +127°C  
-40°F to +260°F

Half  
Bend

1W 4S

### Typical application:

High pressure hydraulic circuits on mobile construction equipment, mining equipment, and industrial applications for pressures up to 420 bar.

### Agency specifications:

ABS | DNV | MSHA | USCG

### Hose construction:

#### Inner tube:

Dura-Pulse patented inner tube

#### Reinforcement:

Four wire spiral (-12 to -16)  
Six wire spiral (-20 to -32)

#### Cover:

Dura-Tuff premium abrasion

### Operating temperature:

-40°C to +127°C (-40°F to +260°F)

### Qualified fittings:

4S series (-12 to -16) | 6S series (-20 to -32) | 1W series

| PART              | SIZE DIMENSIONS |      |                     |      | PRESSURE         |       |                     |        | BEND             | WEIGHT |      |        |
|-------------------|-----------------|------|---------------------|------|------------------|-------|---------------------|--------|------------------|--------|------|--------|
| #                 | Hose I.D.       |      | Hose O.D. (nominal) |      | Working Pressure |       | Min. Burst Pressure |        | Min. Bend Radius | Weight |      |        |
|                   | mm              | in   | mm                  | in   | bar              | psi   | bar                 | psi    | mm               | in     | kg/m | lbs/ft |
| <b>EC600-12</b>   | 19,0            | 0.75 | 32,2                | 1.27 | 420              | 6,100 | 1,680               | 24,400 | 135,0            | 5.31   | 1,52 | 1.01   |
| <b>EC600-16</b>   | 25,4            | 1.00 | 38,6                | 1.52 | 420              | 6,100 | 1,680               | 24,400 | 165,0            | 6.5    | 2,04 | 1.36   |
| <b>EC600-20**</b> | 31,8            | 1.25 | 49,7                | 1.96 | 420              | 6,100 | 1,680               | 24,400 | 225,0            | 8.86   | 3,89 | 2.61   |
| <b>EC600-24**</b> | 38,1            | 1.50 | 57,5                | 2.26 | 420              | 6,100 | 1,680               | 24,400 | 265,0            | 10.43  | 4,83 | 3.24   |
| <b>EC600-32**</b> | 50,8            | 2.00 | 71,0                | 2.79 | 420              | 6,100 | 1,680               | 24,400 | 375,0            | 14.76  | 7,10 | 4.77   |

\*\*Six wire spiral

Core

Premium

Standard

Braided

Spiral

High-Temp

Low-Temp

Abrasion

Suction