

## Low / Medium Pressure



One Compact Wire Braid Hydraulic Hose meets or exceeds EN 857 1 SC

VINCKE HH-175

| 1SC SMOOTH |           |       |  |  |  |  |  |  |  |                     |        |
|------------|-----------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|--------|
| Code       | Nominal ø |       | Inside ø                                                                          | Braid ø                                                                           | Outside ø                                                                         | Max. Working Pressure                                                             |                                                                                     | Burst Pressure                                                                      |                                                                                     | Minimum Bend Radius | Weight |
|            | Dash Size | inch  | mm                                                                                | mm                                                                                | mm                                                                                | bar                                                                               | psi                                                                                 | bar                                                                                 | psi                                                                                 | mm                  | g/m    |
| 1704S      | 04        | 1/4"  | 6,4                                                                               | 10.4                                                                              | 12.2                                                                              | 225                                                                               | 3263                                                                                | 1100                                                                                | 15950                                                                               | 50                  | 180    |
| 1705S      | 05        | 5/16" | 8                                                                                 | 11.5                                                                              | 13.6                                                                              | 215                                                                               | 3118                                                                                | 1050                                                                                | 15225                                                                               | 55                  | 200    |
| 1706S      | 06        | 3/8"  | 9,5                                                                               | 13.6                                                                              | 15.5                                                                              | 180                                                                               | 2610                                                                                | 880                                                                                 | 12760                                                                               | 60                  | 260    |
| 1708S      | 08        | 1/2"  | 12.7                                                                              | 17                                                                                | 19                                                                                | 160                                                                               | 2320                                                                                | 700                                                                                 | 10150                                                                               | 70                  | 345    |
| 1710S      | 10        | 5/8"  | 16                                                                                | 20.4                                                                              | 22.4                                                                              | 130                                                                               | 1885                                                                                | 650                                                                                 | 9425                                                                                | 90                  | 420    |
| 1712S      | 12        | 3/4"  | 19                                                                                | 23.8                                                                              | 25.8                                                                              | 105                                                                               | 1523                                                                                | 520                                                                                 | 7540                                                                                | 100                 | 495    |
| 1716S      | 16        | 1"    | 25.4                                                                              | 31.3                                                                              | 33.4                                                                              | 88                                                                                | 1276                                                                                | 430                                                                                 | 6235                                                                                | 160                 | 735    |

### Construction:

**Tube:** seamless oil resistant synthetic rubber

**Reinforcement:** 1 high tensile steel wire braid

**Smooth cover:** weather, abrasion and ozone, resistant synthetic rubber

**Fluid resistance:** Hydraulic fluids on mineral, vegetable and synthetic oil, water based fluids.

**Temperature range:** -40°C + 100°C Max (max 120°C discontinuous)

