

# Henan Yibo Technology Co., Ltd. — Datasheet

MULTI-LAYER STEEL WIRE ULTRA-HIGH PRESSURE SPIRAL HYDRAULIC HOSE | OIL & FUEL · HIGH PRESSURE

**Hose Construction** Structure: THE HOSE CONSISTS OF AN INNER TUBE, FOUR OR SIX LAYERS OF STEEL WIRE, AND AN OUTER COVER.; Application: SUITABLE FOR CONVEYING PETROLEUM-BASED HYDRAULIC FLUIDS SUCH AS ALCOHOL, HYDRAULIC OIL, LUBRICATING OIL, AND EMULSIONS, ETC. NOT SUITABLE FOR PHOSPHATE ESTER-BASED FLUIDS.; Temperature Range: -40■ TO +120■; FOR WATER MEDIUM: 0■ TO +70■.

**Hose Features** Third-party: inspection on request; Factory-direct: one plant, cutting through testing; ISO 9001: quality system with in-house laboratory; 450 bar / 1800 bar: working and burst pressure published

| AMETER ■ID■mm (min) | INSIDE DIAMETER ■ID■mm (max) | OUTER DIAMETER OF REINFORCEMENT LAYER ■W.D■mm (max) | OUTSIDE DIAMETER ■OD■mm (max) | MAXIMUM WORKING PRESSURE W.P (Mpa) | psi   | MINIMUM BURST PRESSURE B.P (Mpa) | psi  |
|---------------------|------------------------------|-----------------------------------------------------|-------------------------------|------------------------------------|-------|----------------------------------|------|
| 9.3                 | 10.1                         | 20.3                                                | 23.3                          | 42.0                               | 6,092 | 168.0                            | 24,3 |
| 12.3                | 13.5                         | 24.0                                                | 26.8                          | 42.0                               | 6,092 | 168.0                            | 24,3 |
| 15.5                | 16.7                         | 27.0                                                | 30.2                          | 42.0                               | 6,092 | 168.0                            | 24,3 |
| 18.6                | 19.8                         | 32.9                                                | 36.1                          | 42.0                               | 6,092 | 168.0                            | 24,3 |
| 25.0                | 26.4                         | 38.9                                                | 42.9                          | 42.0                               | 6,092 | 168.0                            | 24,3 |
| 31.4                | 33.0                         | 48.4                                                | 51.5                          | 42.0                               | 6,092 | 168.0                            | 24,3 |
| 31.4                | 33.0                         | 48.4                                                | 51.5                          | 45.0                               | 6,527 | 180.0                            | 26,1 |
| 37.7                | 39.3                         | 56.3                                                | 59.6                          | 42.0                               | 6,092 | 168.0                            | 24,3 |
| 50.4                | 52.0                         | 69.0                                                | 72.6                          | 42.0                               | 6,092 | 168.0                            | 24,3 |
| 63.9                | 65.1                         | 82.6                                                | 88.0                          | 42.0                               | 6,092 | 168.0                            | 24,3 |
| 75.9                | 77.1                         | 92.6                                                | 98.2                          | 42.0                               | 6,092 | 168.0                            | 24,3 |
| 88.5                | 90.5                         | 106.8                                               | 113                           | 42.0                               | 6,092 | 168.0                            | 24,3 |
| 101.5               | 103.5                        | 137.0                                               | 142.5                         | 42.0                               | 6,092 | 168.0                            | 24,3 |

Values are reproduced from the official YIBO product page. psi values are converted at 1 MPa = 145.038 psi and rounded. Working pressure and minimum burst pressure are quoted per code; final confirmation is subject to the factory data sheet at order placement. · +86 137 2136 0724 · sales@dohose.com