

# Henan Yibo Technology Co., Ltd. — Datasheet

LOW TEMPERATURE RESISTANT HOSE | FACTORY DIRECT · ISO 9001 · OEM AVAILABLE · 415 bar working / 1660 bar burst · 23 sizes

**Hose Construction** Structure: Both the inner and outer rubber layers of the hose are composed of synthetic rubber with excellent low-temperature resistance.; Application: Suitable for mechanical equipment in low-temperature environments.; Temperature Range: -55°C ~ -100°C.

**Hose Features** ISO 9001: quality system with in-house laboratory; 415 bar / 1660 bar: working and burst pressure published; 23: published sizes quoted by code; OEM: customization and private label

| INSIDE DIAMETER ■ID■mm (max) | OUTER DIAMETER OF REINFORCEMENT LAYER ■W.D■mm (min) | 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 |
|------------------------------|-----------------------------------------------------|-----------------------------------------------------|-------------------------------|------------------------------------|-------|---------------------------------|
| 5.4                          | 9.0                                                 | 10.0                                                | 12.5                          | 25.0                               | 3,626 | 1660                            |
| 7.0                          | 10.6                                                | 11.7                                                | 14.1                          | 22.5                               | 3,263 | 1660                            |
| 8.5                          | 12.1                                                | 13.3                                                | 15.7                          | 21.5                               | 3,118 | 1660                            |
| 10.1                         | 14.5                                                | 15.7                                                | 18.1                          | 18.0                               | 2,611 | 1660                            |
| 13.5                         | 17.5                                                | 19.1                                                | 21.4                          | 16.0                               | 2,321 | 1660                            |
| 16.7                         | 20.6                                                | 22.2                                                | 24.5                          | 13.0                               | 1,885 | 1660                            |
| 19.8                         | 24.6                                                | 26.2                                                | 28.5                          | 10.5                               | 1,523 | 1660                            |
| 26.4                         | 32.5                                                | 34.1                                                | 36.6                          | 8.8                                | 1,276 | 1660                            |
| 33                           | 39.3                                                | 41.7                                                | 44.8                          | 6.3                                | 914   | 1660                            |
| 39.3                         | 45.6                                                | 48.0                                                | 52.1                          | 5.0                                | 725   | 1660                            |
| 52.0                         | 58.7                                                | 61.7                                                | 65.5                          | 4.0                                | 580   | 1660                            |
| 5.4                          | 10.6                                                | 11.7                                                | 16                            | 41.5                               | 6,019 | 1660                            |
| 7.0                          | 12.1                                                | 13.3                                                | 17.7                          | 40.0                               | 5,802 | 1660                            |
| 8.5                          | 13.7                                                | 14.9                                                | 19.4                          | 35.0                               | 5,076 | 1660                            |
| 10.1                         | 16.1                                                | 17.3                                                | 21.7                          | 33.0                               | 4,786 | 1660                            |
| 13.5                         | 19.0                                                | 20.6                                                | 25                            | 27.5                               | 3,989 | 1660                            |
| 16.7                         | 22.2                                                | 23.8                                                | 28.2                          | 25.0                               | 3,626 | 1660                            |
| 19.8                         | 26.2                                                | 27.8                                                | 32.2                          | 21.5                               | 3,118 | 1660                            |
| 26.4                         | 34.1                                                | 35.7                                                | 39.3                          | 16.5                               | 2,393 | 1660                            |

| DIAMETER ■ID■mm (max) | OUTER DIAMETER OF REINFORCEMENT LAYER ■W.D■mm (min) | OUTER DIAMETER OF REINFORCEMENT LAYER ■W.D■mm (max) | OUTSIDE DIAMETER ■OD■mm (max) | MAXIMUM WORKING PRESSURE W.P (Mpa) | psi   | MINIMUM BURST PRESSURE (Mpa) |
|-----------------------|-----------------------------------------------------|-----------------------------------------------------|-------------------------------|------------------------------------|-------|------------------------------|
| 33.0                  | 43.2                                                | 45.6                                                | 50.4                          | 12.5                               | 1,813 |                              |
| 39.3                  | 49.6                                                | 52.0                                                | 56.8                          | 9.0                                | 1,305 |                              |
| 52.0                  | 62.3                                                | 64.7                                                | 69.4                          | 8.0                                | 1,160 |                              |
| 65.1                  | 74.6                                                | 77.8                                                | 81.8                          | 7.0                                | 1,015 |                              |

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