



## 113 - ECOLOGY 250 HD

Thermoplastic constant pressure hose for high pressure sewer cleaning applications up to 250 bar (3600 psi)



### FEATURES

#### Inner Tube

Thermoplastic polymer

#### Reinforcement

Up to three braids of synthetic fiber plus one special extra braid of synthetic fiber for cover integration

#### Cover

Polyurethane - red - non pinpricked - laser branding

#### Applications

Modern sewer cleaning vehicles and applications requiring long lengths high working pressure and low pressure drop - Equipment used in high humidity environments

#### Features

Red cover impregnated into braid reinforcement for optimum wear resistance and longevity - Available in long lengths - Excellent crush and cut resistance - Lightweight compared to rubber alternatives - Cover resistant against micro-biological attack - Reduced bend radius - Fast operating speeds

#### Description

Heavy duty sewer cleaning hose suitable for temperatures ranging from -40 °C to 60 °C (-40 °F to 140 °F) - Hose specifically designed for working in humid conditions without degrading ensuring increased lifetime - Available with BSP and / or NPT fitting combinations - Other end terminations upon request - Not suitable for hydraulic applications - Factory made assembly - also available as loose coils: please, contact our sales office for further details

#### Temperature Range

-40 °C to 60 °C (-40 °F to 140 °F)

#### Standard Branding

**TRANSFER OIL** - TO INDUSTRIAL - Part No - ECOLOGY 250 HD - SEWER CLEANING HOSE - Inch Size - DN Size - WP bar / psi - MADE IN ITALY - [www.transferoil.com](http://www.transferoil.com) - QQ/YY - Batch No

| Part no. | DN   | Inches | Dash | ID (mm) | OD (mm) | WP (bar) | BP (bar) | ID (inch) | OD (inch) | WP (psi) | BP (psi) | SF    | BR (mm) | BR (inch) | Weight (gr/m) | Weight (lb/ft) | Ferrule standard | Ferrule A316L |
|----------|------|--------|------|---------|---------|----------|----------|-----------|-----------|----------|----------|-------|---------|-----------|---------------|----------------|------------------|---------------|
| 1135     | DN12 | 1/2    | -8   | 13.0    | 22.2    | 250      | 625      | 0.512     | 0.874     | 3600     | 9000     | 2.5:1 | 75      | 2.95      | 254           | 0.171          | SA5151           | SA5851        |
| 1137     | DN20 | 3/4    | -12  | 19.6    | 30.4    | 250      | 625      | 0.772     | 1.197     | 3600     | 9000     | 2.5:1 | 120     | 4.72      | 435           | 0.292          | SA5171           | SA5871        |
| 1138     | DN25 | 1      | -16  | 25.6    | 36.5    | 250      | 625      | 1.008     | 1.437     | 3600     | 9000     | 2.5:1 | 155     | 6.10      | 580           | 0.390          | SA5181           | SA5881        |
| 1139     | DN32 | 1+1/4  | -20  | 32.4    | 46.0    | 250      | 625      | 1.276     | 1.811     | 3600     | 9000     | 2.5:1 | 240     | 9.45      | 808           | 0.543          | SA5191           | SA5891        |
| 113T     | DN38 | 1+1/2  | -24  | 38.4    | 53.4    | 250      | 625      | 1.512     | 2.102     | 3600     | 9000     | 2.5:1 | 300     | 11.81     | 1154          | 0.775          | SA51T1           | SA58T1        |

Hose assembly - With hose reel

| part no | description           | fittings                    |
|---------|-----------------------|-----------------------------|
| EMEXXX  | 1/2" ECOLOGY 250 HD   | 1/2" M/F BSP                |
| EMFXXX  | 1/2" ECOLOGY 250 HD   | 1/2" M/M NPT                |
| EMQXXX  | 1/2" ECOLOGY 250 HD   | 1/2" M/F BSP - AISI A316L   |
| EMRXXX  | 1/2" ECOLOGY 250 HD   | 1/2" M/M NPT - AISI A316L   |
| ENGXXX  | 3/4" ECOLOGY 250 HD   | 3/4" M/F BSP                |
| ENHXXX  | 3/4" ECOLOGY 250 HD   | 3/4" M/M NPT                |
| ENSXXX  | 3/4" ECOLOGY 250 HD   | 3/4" M/F BSP - AISI A316L   |
| ENTXXX  | 3/4" ECOLOGY 250 HD   | 3/4" M/M NPT - AISI A316L   |
| EOIXXX  | 1" ECOLOGY 250 HD     | 1" M/F BSP                  |
| EOJXXX  | 1" ECOLOGY 250 HD     | 1" M/M NPT                  |
| EOUXXX  | 1" ECOLOGY 250 HD     | 1" M/F BSP - AISI A316L     |
| EOVXXX  | 1" ECOLOGY 250 HD     | 1" M/M NPT - AISI A316L     |
| EPKXXX  | 1 1/4" ECOLOGY 250 HD | 1 1/4" M/F BSP              |
| EPLXXX  | 1 1/4" ECOLOGY 250 HD | 1 1/4" M/M NPT              |
| EPWXXX  | 1 1/4" ECOLOGY 250 HD | 1 1/4" M/F BSP - AISI A316L |
| EPXXXX  | 1 1/4" ECOLOGY 250 HD | 1 1/4" M/M NPT - AISI A316L |
| E82XXX  | 1 1/2" ECOLOGY 250 HD | 1 1/2" M/F BSP              |
| E83XXX  | 1 1/2" ECOLOGY 250 HD | 1 1/2" M/M NPT              |

**XXX**total lenght of the assembled hose in meters (lmt = 3,28 ft)

#### Hose assembly - Without hose reel

| part no | description           | fittings                    |
|---------|-----------------------|-----------------------------|
| FMEXXX  | 1/2" ECOLOGY 250 HD   | 1/2" M/F BSP                |
| FMFXXX  | 1/2" ECOLOGY 250 HD   | 1/2" M/M NPT                |
| FMQXXX  | 1/2" ECOLOGY 250 HD   | 1/2" M/F BSP - AISI A316L   |
| FMRXXX  | 1/2" ECOLOGY 250 HD   | 1/2" M/M NPT - AISI A316L   |
| FNGXXX  | 3/4" ECOLOGY 250 HD   | 3/4" M/F BSP                |
| FNHXXX  | 3/4" ECOLOGY 250 HD   | 3/4" M/M NPT                |
| FNSXXX  | 3/4" ECOLOGY 250 HD   | 3/4" M/F BSP - AISI A316L   |
| FNTXXX  | 3/4" ECOLOGY 250 HD   | 3/4" M/M NPT - AISI A316L   |
| FOIXXX  | 1" ECOLOGY 250 HD     | 1" M/F BSP                  |
| FOJXXX  | 1" ECOLOGY 250 HD     | 1" M/M NPT                  |
| FOUXXX  | 1" ECOLOGY 250 HD     | 1" M/F BSP - AISI A316L     |
| FOVXXX  | 1" ECOLOGY 250 HD     | 1" M/M NPT - AISI A316L     |
| FPKXXX  | 1 1/4" ECOLOGY 250 HD | 1 1/4" M/F BSP              |
| FPLXXX  | 1 1/4" ECOLOGY 250 HD | 1 1/4" M/M NPT              |
| FPWXXX  | 1 1/4" ECOLOGY 250 HD | 1 1/4" M/F BSP - AISI A316L |
| FPXXXX  | 1 1/4" ECOLOGY 250 HD | 1 1/4" M/M NPT - AISI A316L |

**XXX**total lenght of the assembled hose in meters (lmt = 3,28 ft)

Dimensions and values shown may be changed without prior notice to improve product performances and reliability.

Transfer Oil S.p.A. assumes no liability on mistakes nor errors appearing in this spec sheet.

Document date: 24/02/2026

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