



# 143 - R18 CPLT 3000 NEO TWIN

Thermoplastic constant pressure hose with MSHA approved cover, with low temperature specifications (-55 °C/-67 °F) for hydraulic applications up to 210 bar (3000 psi)



## FEATURES

### Inner Tube

Polyester elastomer

### Reinforcement

One or two braids of synthetic fiber

### Cover

Special polyester - black - non pinpricked - laser branding

### Applications

Forklift handling - All industrial and agricultural applications exposed to low temperatures or cyclic and quick temperature changes

### Features

2 polyester braid construction from 1/4"-DN6 onwards - Optimum bonding between the tube the braids and the cover - Special polyester cover resistant to low temperatures and the continuous in and out of cold storage rooms - Tight bend radii without cover wrinkling

### Description

Meets or exceeds SAE 100R18 specifications - Medium pressure hose suitable for petroleum or synthetic based hydraulic fluids in hydraulic systems of forklifts. Optimum bonding characteristics and special cover also make it the ideal hose for equipment operating in cold environments while maintaining a high level of flexibility. Suitable for power chains

### Temperature Range

-55 °C to 100 °C (-67 °F to 212 °F): limited to 70 °C (158 °F) for air and water based fluids


### Vacuum Rating

-0,93 bar; -700 mm Hg|-13,5 psi; -27,5 inch Hg

### Specifications

SAE 100R18 // ISO3949-R18

### Standard Branding

 - TO HYDRAULIC - Part No - CPLT 3000 NEO TWIN - SAE 100R18-Dash Size - 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 |
|----------|------|--------|------|---------|---------|----------|----------|-----------|-----------|----------|----------|-----|---------|-----------|---------------|----------------|------------------|---------------|
| 1431     | DN5  | 3/16   | -3   | 5.0     | 9.1     | 210      | 840      | 0.197     | 0.358     | 3000     | 12000    | 4:1 | 25      | 0.98      | 100           | 0.067          | SAB111           | SAB811        |
| 1432     | DN6  | 1/4    | -4   | 6.5     | 11.8    | 210      | 840      | 0.256     | 0.465     | 3000     | 12000    | 4:1 | 35      | 1.38      | 180           | 0.121          | SAB121           | SAB821        |
| 1433     | DN8  | 5/16   | -5   | 8.1     | 14.3    | 210      | 840      | 0.319     | 0.563     | 3000     | 12000    | 4:1 | 45      | 1.77      | 260           | 0.175          | SAB131           | SAB831        |
| 1434     | DN10 | 3/8    | -6   | 9.7     | 16.5    | 210      | 840      | 0.382     | 0.650     | 3000     | 12000    | 4:1 | 45      | 1.77      | 330           | 0.222          | SAB141           | SAB841        |
| 1435     | DN12 | 1/2    | -8   | 13.0    | 21.2    | 210      | 840      | 0.512     | 0.835     | 3000     | 12000    | 4:1 | 70      | 2.76      | 480           | 0.323          | SA5151           | SA5851        |
| 1436     | DN16 | 5/8    | -10  | 16.3    | 26.1    | 210      | 840      | 0.642     | 1.028     | 3000     | 12000    | 4:1 | 100     | 3.94      | 740           | 0.497          | SA5161           | SA5861        |

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*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.*

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