

## GATES Hydraulic hose TH8NC non-conductive



### Characteristics

**Type:** TH8NC  
**Material of inner wall:** Polyester  
**Material of outer wall:** Polyurethane  
**Quality cover:** Standard  
**Temperature range [°C]:** -54 / 93 °C  
**EN standard:** EN 855-R8  
**SAE standard:** SAE 100 R8

### Application

- Recommended for use with petroleum, water based and synthetic hydraulic fluids. Applications include power and telephone mobile equipment (cherry pickers), lubrication lines, blowout preventer control lines, hydraulic lifts and farm and construction machinery.

### Technical Information

**Temperature range:**  
 • -54°C to +93°C

### Construction

- Tube:**  
 • PA (Nylon) based.
- Reinforcement:**  
 • Two fibre braids.
- Cover:**  
 • PU (Polyurethane) based. Orange non-perforated

### Execution

- Orange color TH8NC meets SAE 100R8 non-conductivity requirements and meets or exceeds performance requirements of SAE 100R8 with a significantly tighter bend radius. Meets SAE 100R8 Electrical Conductivity Test; maximum leakage should not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes.

### Options

- Recommended couplings:**  
 • MegaCrimp®

Code	Hose ID (DN)	Hose ID	Outer diameter	Maximum operating pressure	Minimum burst pressure	Minimum bending radius	Outside wall colour	Article
		in	mm	bar	bar	mm		
4TH8NCXCT76	DN06	1/4"	15.5	350	1400	50	Orange	14607013
6TH8NCXCT76	DN10	3/8"	19.1	280	1120	65	Orange	14607014
8TH8NCXCT76	DN12	1/2"	22.1	245	980	100	Orange	14607015

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.