

GATES Hydraulic hose TH7NC non-conductive



Characteristics

- Type:** TH7NC
- Material of inner wall:** Polyester
- Material of outer wall:** Polyurethane
- Quality cover:** Standard
- Temperature range [°C]:** -54 / 93 °C
- SAE standard:** SAE 100 R7

Application

- TH7NC non-conductive hydraulic hose is recommended for petroleum 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:**
 - 1-braid, polyester
- Cover:**
 - Orange urethane that resists hydraulic fluids, high temperatures, aging and weathering. Orange TH7NC is non-perforated for applications requiring electrical non-conductivity.

Execution

- Orange color TH7NC meets SAE 100R7 non-conductivity requirements and meets or exceeds performance requirements of SAE 100R7 with a significantly tighter bend radius. Meets SAE 100R7 Electrical Conductivity Test. Maximum leakage should not exceed 50 microamperes when subjected to 75 kV/Ft. for five minutes. Meets ANSI A92.2 for vehicle mounted aerial devices.

Options

Recommended couplings:

- For use with MegaCrimp™ Couplings [G25 Series] and Swage PCTS Couplings [G51 Series] [-2 and -3 only].

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		
4TH7NCXCT76	DN06	1/4"	12.7	192	768	30	Orange	14607021
5TH7NCXCT76	DN08	5/16"	14.2	175	700	45	Orange	14607022
6TH7NCXCT76	DN10	3/8"	16.3	158	620	50	Orange	14607023
8TH7NCXCTN76	DN12	1/2"	20.3	140	560	75	Orange	14607024
12TH7NCXCT61	DN19	3/4"	26.7	87	350	130	Orange	14607025
16TH7NCXCT61	DN25	1"	33.5	70	280	165	Orange	14607026

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