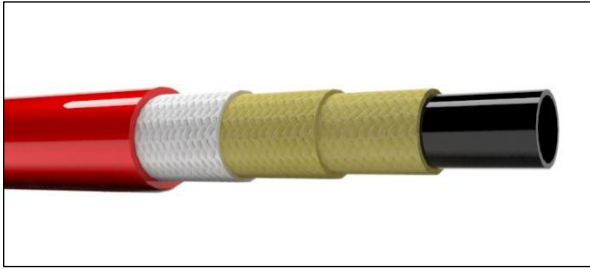




**Thermoplastic hoses - polyamide**



**15R CNG**

**Thermoplastic hose with aramid braids compressed natural gas**

**Inner layer:** Conductive polyamide  
**Reinforcement:** one or two aramid braids + synthetic braid  
**Outer layer:** Micro-perforated polyurethane  
**Operating temp:** -40°C to +70°C

A lightweight, flexible hose with a conductive inner layer, designed for natural gas (CNG - Compressed Natural Gas). Used for filling the tanks of CNG-fuelled vehicles. Meets the requirements of ANSI/CSA NGV 4.2-2014, CSA 12.52-2014. Double version with vent hose available.

**Standards:** ISO 15500-17.  
**Fitting:** Use type P fittings (IT-98).

| index        | internal diameter [mm] | external diameter [mm] | working pressure [bar] | Bursting pressure [bar] | bend radius [mm] | weight [kg / 100 m] |
|--------------|------------------------|------------------------|------------------------|-------------------------|------------------|---------------------|
| TO-15RCNG-06 | 6,5                    | 13,7                   | 350                    | 1400                    | 50               | 12,00               |
| TO-15RCNG-10 | 9,7                    | 18,9                   | 350                    | 1400                    | 70               | 22,00               |
| TO-15RCNG-13 | 13                     | 22,9                   | 350                    | 1400                    | 90               | 29,00               |
| TO-15RCNG-19 | 19,5                   | 29,6                   | 350                    | 1400                    | 180              | 40,00               |
| TO-15RCNG-25 | 25,9                   | 39                     | 350                    | 1400                    | 200              | 71,50               |

**Thermoplastic hoses - Teflon**



**MT 1 HT**

**Steel braided Teflon high-pressure hose with polyurethane outer layer**

**Inner layer:** Teflon (PTFE)  
**Reinforcement:** single braided steel  
**Outer layer:** polyurethane  
**Operating temp:** -40°C to +135°C

Lightweight, flexible hose designed for hydraulic oils, aggressive chemicals, food substances. Compliant with FDA 21 CFR, directive 2011/10/EC. Microperforated on request (for gases and air). Resistant to high temperatures.

**Fitting:** Use type Z fittings.

| index       | internal diameter [mm] | external diameter [mm] | working pressure [bar] | Bursting pressure [bar] | bend radius [mm] | weight [kg / 100 m] |
|-------------|------------------------|------------------------|------------------------|-------------------------|------------------|---------------------|
| ZC-MT1HT-03 | 3,5                    | 7,5                    | 375                    | 1500                    | 30               | 7,60                |
| ZC-MT1HT-05 | 4,8                    | 10                     | 350                    | 1400                    | 30               | 13,30               |
| ZC-MT1HT-06 | 6,4                    | 11,9                   | 300                    | 1200                    | 40               | 16,50               |
| ZC-MT1HT-08 | 8                      | 14                     | 240                    | 960                     | 50               | 20,50               |
| ZC-MT1HT-10 | 9,7                    | 16                     | 225                    | 900                     | 60               | 25,30               |
| ZC-MT1HT-13 | 13                     | 19,2                   | 190                    | 760                     | 75               | 31,40               |
| ZC-MT1HT-16 | 16,3                   | 23,3                   | 150                    | 600                     | 110              | 40,60               |
| ZC-MT1HT-19 | 19,2                   | 25,5                   | 130                    | 520                     | 150              | 44,70               |
| ZC-MT1HT-25 | 25,6                   | 32,5                   | 105                    | 420                     | 185              | 59,00               |
| ZC-MT1HT-32 | 32                     | 40                     | 70                     | 280                     | 290              | 84,20               |

