

# 701

## No-Skive Multispiral

Exceeds ISO 3862 Type 4SP –  
EN 856 Type 4SP

### Primary Applications

General high pressure hydraulic applications

### Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

### Applicable Specifications

Exceed ISO 3862 Type 4SP – EN 856 Type 4SP

### Construction

Inner tube: Synthetic rubber  
Reinforcement: Four spiral high-tensile steel wire  
Cover: Synthetic rubber

Temperature Range ..... -40 °C up to +100 °C

Exception: Air ..... max. +70 °C  
Water ..... max. +85 °C



- **No-Skive** hose construction
- Reinforcement of four spiral high-tensile steel wire

### Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water. For air and gas applications with a pressure exceeding 1.7 MPa, the cover must be pin-pricked. Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

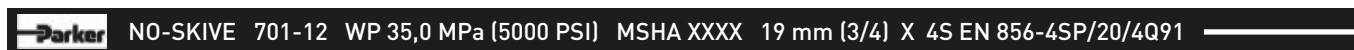
### Fitting Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi		
701-6	10	3/8	-6	9.5	21.4	45.0	6500	180.0	26000	180	0.78
701-8	12	1/2	-8	12.7	24.6	41.5	6000	166.0	24000	230	0.93
701-10	16	5/8	-10	15.9	28.2	35.0	5000	140.0	20000	250	1.15
701-12	19	3/4	-12	19.1	32.2	35.0	5000	140.0	20000	300	1.58
701-16	25	1	-16	25.4	39.7	28.0	4000	112.0	16000	340	2.04

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example



# 701TC

## No-Skive Multispiral Tough Cover

ISO 3862 Type 4SP – EN 856 Type 4SP

### Primary Applications

General high pressure hydraulic applications

### Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

### Applicable Specifications

ISO 3862 Type 4SP – EN 856 Type 4SP

### Construction

- Inner tube: Synthetic rubber
- Reinforcement: Four spiral high-tensile steel wire
- Cover: Highly abrasion resistance  
MSHA approved synthetic rubber

Temperature Range ..... -40 °C up to +100 °C

- Exception: Air ..... max. +70 °C
- Water ..... max. +85 °C



- *No-Skive* hose construction
- Reinforcement of four spiral high-tensile steel wire
- Highly abrasion resistant **TOUGH COVER**
- MSHA approved
- Hose is suitable for temporary immersion in mineral oil up to 70 °C with frequent inspections

### Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water. For air and gas applications with a pressure exceeding 1.7 MPa, the cover must be pin-pricked. Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

### Fitting Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi		
701TC-6	10	3/8	-6	9.5	21.4	45.0	6500	180.0	26000	180	0.78
701TC-8	12	1/2	-8	12.7	24.6	41.5	6000	166.0	24000	230	0.93
701TC-10	16	5/8	-10	15.9	28.2	35.0	5000	140.0	20000	250	1.15
701TC-12	19	3/4	-12	19.1	32.2	35.0	5000	140.0	20000	300	1.58
701TC-16	25	1	-16	25.4	39.7	28.0	4000	112.0	16000	340	2.04

The combination of high temperature and high pressure could reduce the hose life.

### Hose layline example

