

SX42

No-Skive Multispiral

ISO 3862 Type R15 – Parker Specifications

Primary Applications

General high pressure hydraulic applications

Applicable Specifications

ISO 3862 Type R15 – Parker Specification

Construction

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

Temperature Range -40 °C up to +125 °C

Exception: Air max. +70 °C

Water max. +85 °C



- **No-Skive** hose construction
- High performance
- Reinforcement of four or six spiral high-tensile steel wire
- Constant working pressure of 42.0 MPa
- Temperature range up to +125 °C

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

Size -12

Size -16 and -20



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		
SX42-12	20	3/4	-12	19.1	32.4	42.0	6000	168.0	24000	260	1.72
SX42-16	25	1	-16	25.4	38.2	42.0	6000	168.0	24000	330	1.74
SX42-20	32	1 1/4	-20	31.5	46.3	42.0	6000	168.0	24000	400	2.98

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

Hose layline example



SX42LT

No-Skive Multispiral

Parker Specification

Primary Applications

General high pressure hydraulic applications for very low temperature environments

Applicable Specifications

Parker Specification

Construction

Inner tube: Synthetic rubber

Reinforcement: Four or six spiral high-tensile steel wires

Cover: Synthetic rubber

Temperature Range -57 °C up to +100 °C

Exception: Air max. +70 °C

Water max. +85 °C



- **No-Skive** hose construction
- Superior performances in extreme cold conditions
- Reinforcement of four or six high tensile steel wires
- Constant working pressure of 42.0 MPa
- Low Temperature range up to -57 °C (-70 °F)

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

Size -12

Size -16 and -20



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		
SX42LT-12	20	3/4	-12	19.1	32.4	42.0	6000	168.0	24000	260	1.72
SX42LT-16	25	1	-16	25.4	38.2	42.0	6000	168.0	24000	330	1.74
SX42LT-20	32	1 1/4	-20	31.5	46.3	42.0	6000	168.0	24000	400	2.98

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

Hose layline example



SX42TC

No-Skive Multispiral Tough Cover

ISO 3862 Type R15 – Parker Specifications

Primary Applications

General high pressure hydraulic applications

Applicable Specifications

ISO 3862 Type R15 – Parker Specification

Construction

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

Temperature Range -40 °C up to +125 °C

Exception: Air max. +70 °C

Water max. +85 °C



- **No-Skive** hose construction
- High performance
- Highly abrasion resistant **TOUGH COVER**
- MSHA approved
- Reinforcement of four or six spiral high-tensile steel wire
- Constant working pressure of 42.0 MPa
- Temperature range up to +125 °C

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

Size -12

Size -16 and -20



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		
SX42TC-12	20	3/4	-12	19.1	32.4	42.0	6000	168.0	24000	260	1.72
SX42TC-16	25	1	-16	25.4	38.2	42.0	6000	168.0	24000	330	1.74
SX42TC-20	32	1 1/4	-20	31.5	46.3	42.0	6000	168.0	24000	400	2.98

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

Hose layline example

Parker NO-SKIVE - SX42TC-12 WP 42,0 MPa (6000 PSI) I° ISO 3862 R15 - 19 mm (3/4") MADE IN ITALY