692

Elite Compact

Constant pressure, tight bend radius

- *No-Skive* hose construction – Compact design
- Nitrile (NBR) inner tube – extended fluid compatibility
- Constant working pressure of 21.0 MPa

Primary Applications

Material handling:
General small bending radii hydraulic applications, ideal for over the sheave or reel applications.

Applicable Specifications

Parker specification

Construction

Tube: Nitrile (NBR)
Reinforcement: One or two high tensile steel wire braids
Cover: Synthetic rubber

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

Exception: Air ..... max. +70 °C

Recommended Fluids

Petroleum and water-glycol based fluids, lubricating oils, air and water. For air above 1.7 MPa, the hose cover must be pin-pricked.
Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** for more detailed information.

Fitting Series

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. dynamic working pressure		Pressure Rating: min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
692-4	6	1/4	-4	6,3	11,5	21,0	3045	84,0	12180	40	0,18
692-5	8	5/16	-5	7.9	13.6	21.0	3045	84.0	12180	40	0.21
692-6	10	3/8	-6	9,5	15,5	21,0	3045	84,0	12180	40	0,25
692-8	12	1/2	-8	12.7	20.4	21.0	3045	84.0	12180	50	0.52
692-10	16	5/8	-10	15,9	23,9	21,0	3045	84,0	12180	60	0,66

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

692Twin

No-Skive Compact

Twin constant pressure, tight bend radius

- *No-Skive* hose construction – Compact design
- Nitrile (NBR) inner tube – extended fluid compatibility
- Constant working pressure of 21.0 MPa

Primary Applications

Lifting and material handling equipment:
General small bending radii hydraulic applications, ideal over the sheave or reel applications

Applicable Specifications

Parker Specification

Construction

Inner tube: Nitrile (NBR)
Reinforcement: One or two high-tensile steel wire braids
Cover: Synthetic rubber

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

Exception: Air ..... max. +70 °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

Part Number	Hose I.D.				Hose O.D.	Pressure Rating				min. bend radius	weight
						max. working pressure		min. burst pressure			
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
692-4-4	6	1/4	-4	6.4	25.8	21.0	3045	84.0	12180	40	0.34
692-5-5	8	5/16	-5	7.9	27.4	21.0	3045	84.0	12180	40	0.40
692-6-6	10	3/8	-6	9.5	31.2	21.0	3045	84.0	12180	40	0.48
692-8-8	12	1/2	-8	12.7	41.5	21.0	3045	84.0	12180	50	1.02
692-10-10	16	5/8	-10	15.9	48.7	21.0	3045	84.0	12180	60	1.30

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

Hose layline example

692TC

No-Skive Compact Tough Cover

Constant pressure, tight bend radius

- *No-Skive* hose construction – Compact design
- Nitrile (NBR) inner tube – extended fluid compatibility
- Constant working pressure of 21.0 MPa
- Highly abrasion resistant TOUGH COVER
- MSHA approved
- Hose is suitable for temporary immersion in mineral oil up to 70 °C with frequent inspections

Primary Applications

Material handling:
General small bending radii hydraulic applications, ideal for over the sheave or reel applications.

Applicable Specifications

Parker Specification

Construction

Inner Tube: Nitrile (NBR)
Reinforcement: One or two high-tensile steel wire braids
Cover: Highly abrasion resistance
MSHA approved

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

Exception: Air ..... max. +70 °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

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
692TC-4	6	1/4	-4	6.4	11.5	21.0	3045	84.0	12180	40	0.18
692TC-5	8	5/16	-5	7.9	13.6	21.0	3045	84.0	12180	40	0.21
692TC-6	10	3/8	-6	9.5	15.5	21.0	3045	84.0	12180	40	0.25
692TC-8	12	1/2	-8	12.7	20.4	21.0	3045	84.0	12180	50	0.52
692TC-10	16	5/8	-10	15.9	23.9	21.0	3045	84.0	12180	60	0.66

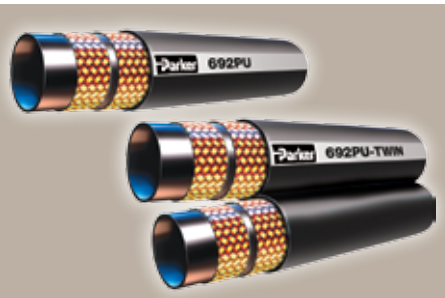
The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

Parker 692TC-10 WP 21,0 MPa (3000 PSI) I • • 16 mm (5/8)

692PU-*No-Skive*

Compact hose with
1 or 2 steel wire braids
as single or twin hose



- No-Skive hose construction
- Constant working pressure
- High abrasion and shock resistance
- High flexibility even at cold conditions
- High ozone-, UV- and weathering resistance
- Extended fluid compatibility
- Tight bend radius

Main applications

Material handling industry, where tight bend radii, flexibility, ozone, abrasion and shock resistance are needed and required. Ideal for over-the-sheave or reel applications.

Applicable Specifications

Parker specification – constant working pressure

Hose construction

Inner tube: Nitrile (NBR)
Reinforcement: One or two braids of high-tensile steel wire
Cover: Premium-quality polyurethane

Temperature range ..... -45 °C to +100 °C

Exceptions: Air ..... up to +70 °C
Water ..... up to +85 °C

Recommended media

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. For further information, please refer to “Chemical Resistance” in Catalogue C4400, pages ***Ab-24*** to ***Ab-32***.

Fitting Series

Size -4 up to -6

Size -8 up to -10

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
Single hose											
692PU-4	6	1/4	4	6.4	11.5	21.0	3045	84.0	12180	40	0.18
692PU-5	8	5/16	5	7.9	13.6	21.0	3045	84.0	12180	40	0.21
692PU-6	10	3/8	6	9.5	15.5	21.0	3045	84.0	12180	40	0.25
692PU-8	12	1/2	8	12.7	20.4	21.0	3045	84.0	12180	50	0.52
692PU-10	16	5/8	10	15.9	23.9	21.0	3045	84.0	12180	60	0.66
Twin hose											
692PU-4-4	6	1/4	4	6.4	24.0	21.0	3045	84.0	12180	40	0.36
692PU-5-5	8	5/16	5	7.9	27.4	21.0	3045	84.0	12180	40	0.42
692PU-6-6	10	3/8	6	9.5	31.2	21.0	3045	84.0	12180	40	0.50
692PU-8-8	12	1/2	8	12.7	41.5	21.0	3045	84.0	12180	50	1.00
692PU-10-10	16	5/8	10	15.9	48.7	21.0	3045	84.0	12180	60	1.35

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

Hose layline (examples for single and twin hose)

PARKER 692PU-6 WP 21,0 MPa (3046 psi) | • • 10 mm (3/8 “)