

462

Elite No-Skive Compact

Exceeds EN 857-2SC – ISO 11237 Type 2SC

Primary Applications

Demanding medium pressure hydraulic applications in all markets

Type Approvals

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

Applicable Specifications

Exceed EN 857-2SC – ISO 11237 Type 2SC

Construction

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

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

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



- **No-Skive** hose construction – Compact design
- Nitrile (NBR) inner tube – extended fluid compatibility
- Exceeding EN/ISO specifications for pressure, bend radius and abrasion resistance

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 -4 up to -16
Size -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		min. burst pressure			
						MPa	psi	MPa	psi		
462-4	6	1/4	-4	6.4	13.4	42.5	6160	170.0	24640	75	0.30
462-5	8	5/16	-5	7.9	15.0	40.0	5800	160.0	23200	85	0.35
462-6	10	3/8	-6	9.5	17.2	35.0	5075	140.0	20300	90	0.42
462-8	12	1/2	-8	12.7	20.4	31.0	4495	124.0	17980	130	0.52
462-10	16	5/8	-10	15.9	23.9	28.0	4060	112.0	16240	160	0.66
462-12	19	3/4	-12	19.1	27.7	28.0	4060	112.0	16240	195	0.86
462-16	25	1	-16	25.4	35.4	21.0	3045	84.0	12180	250	1.17
462-20	31	1 1/4	-20	31.8	45.1	17.2	2495	68.8	9980	335	1.80

The combination of high temperature and high pressure could reduce the hose life.
From size -4 to -16, smooth cover, 462-20 wrapped cover
Also available in reels up to size -12 under part number 462-xx-RL

Hose layline example



462TC

Elite No-Skive Compact Tough Cover

Exceeds EN 857-2SC – ISO 11237 Type 2SC

Primary Applications

Demanding medium pressure hydraulic applications in all markets

Type Approvals

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

Applicable Specifications

Exceed EN 857-2SC – ISO 11237 Type 2SC

Construction

Inner tube: Nitrile (NBR)
Reinforcement: 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
Water max. +85 °C



- **No-Skive** hose construction – Compact design
- Nitrile (NBR) inner tube – extended fluid compatibility
- Exceeding EN/ISO specifications for pressure, bend radius and abrasion resistance
- Highly abrasion resistant **TOUGH COVER**
- MSHA approved

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 -4 up to -16



Size -20 up to -32



Size -40 up to -48

2piece 48

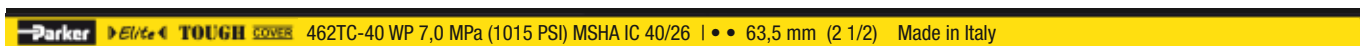
Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi		
462TC-4	6	1/4	-4	6.4	13.4	42.5	6160	170.0	24640	75	0.30
462TC-5	8	5/16	-5	7.9	15.0	40.0	5800	160.0	23200	85	0.35
462TC-6	10	3/8	-6	9.5	17.2	35.0	5075	140.0	20300	90	0.42
462TC-8	12	1/2	-8	12.7	20.4	31.0	4495	124.0	17980	130	0.52
462TC-10	16	5/8	-10	15.9	23.9	28.0	4060	112.0	16240	160	0.66
462TC-12	19	3/4	-12	19.1	27.7	28.0	4060	112.0	16240	195	0.86
462TC-16	25	1	-16	25.4	35.4	21.0	3045	84.0	12180	250	1.17
462TC-20 *	31	1 1/4	-20	31.8	45.1	17.2	2495	68.8	9980	335	1.80
462TC-24 *	38	1 1/2	-24	38.1	52.0	14.6	2118	58.4	8472	400	2.20
462TC-32 *	51	2	-32	50.8	64.0	11.2	1624	44.8	6496	500	2.90
462TC-40 **	63	2 1/2	-40	63.5	76.0	7.0	1015	28.0	4060	760	3.00
462TC-48 **	76	3	-48	76.2	87.5	7.0	1015	28.0	4060	760	3.30

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

* Size -20 up to -32 only with fitting series 48

** Size -40 up to -48 only with 2piece fitting series 48

Hose layline example



462ST

Elite No-Skive Super Tough Compact

EN 857 2SC – ISO 11237 Type 2SC



- **No-Skive** hose construction – Compact design
- Nitrile (NBR) inner tube – extended fluid compatibility
- Extreme abrasion resistant **SUPER TOUGH** cover
- Exceeding EN/ISO specifications for pressure, bend radius and abrasion resistance

Primary Applications

Mobile market: Medium pressure hydraulic applications with extremely high abrasion risks

Applicable Specifications

EN 857 2SC – ISO 11237 Type 2SC

Construction

Inner tube: Nitrile (NBR)
Reinforcement: Two high-tensile steel wire braids
Cover: Synthetic rubber with a special polyethylene coating

Temperature Range

Exception: Air max. +70 °C
Water max. +85 °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 -4 up to -16

Size -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		
462ST-4	6	1/4	-4	6.4	13.4	42.5	6160	170.0	24640	75	0.30
462ST-5	8	5/16	-5	7.9	15.0	40.0	5800	160.0	23200	85	0.35
462ST-6	10	3/8	-6	9.5	17.2	35.0	5075	140.0	20300	90	0.42
462ST-8	12	1/2	-8	12.7	20.4	31.0	4495	124.0	17980	125	0.52
462ST-10	16	5/8	-10	15.9	23.9	28.0	4060	112.0	16240	160	0.66
462ST-12	19	3/4	-12	19.1	27.7	28.0	4060	112.0	16240	195	0.86
462ST-16	25	1	-16	25.4	35.4	21.0	3045	84.0	12180	250	1.17
462ST-20 *	31	1 1/4	-20	31.8	45.1	17.2	2495	68.8	9980	335	1.80

The combination of high temperature and high pressure could reduce the hose life.
* 462ST-20 only with fitting series 48

Hose layline example

