462

Elite No-Skive Compact

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



- *EVO* improved performance from size 4 up to 16
- *No-Skive* hose construction – Compact design
- Nitrile (NBR) inner tube – extended fluid compatibility
- Exceeding EN/ISO specifications for pressure, bend radius and abrasion resistance

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

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.	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
EVO	462-4	6	1/4	-4	6.4	13.4	42.5	6160	170.0	24640	50	0.30
EVO	462-5	8	5/16	-5	7.9	15.0	40.0	5800	160.0	23200	55	0.35
EVO	462-6	10	3/8	-6	9.5	17.2	35.0	5075	140.0	20300	65	0.42
EVO	462-8	12	1/2	-8	12.7	20.4	31.0	4495	124.0	17980	80	0.52
EVO	462-10	16	5/8	-10	15.9	23.9	28.0	4060	112.0	16240	100	0.66
EVO	462-12	19	3/4	-12	19.1	27.7	28.0	4060	112.0	16240	120	0.86
EVO	462-16	25	1	-16	25.4	35.4	21.0	3045	84.0	12180	150	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



Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark