

## 492/462 – *Elite* Compact Hoses

Parker's new *Elite* 1 and 2 wire braided compact hoses, exceeding EN857-1SC and EN857-2SC respectively, have been upgraded to meet the ever increasing demands of modern applications. The hoses are the ideal choice where lower weight, high pressures and tight bending radii are the driving factors influencing product selection.

In addition to the already high performance of the hoses, they are now also constructed with nitrile rubber inner tubes for improved fluid compatibility and resistance to bio-oils and improved ozone and abrasion resistance covers; resulting in even longer service lives and lowering overall equipment costs.

### Features:

- Exceeding specified working pressures of EN857-1SC/2SC respectively
- High quality cover compound – longer service life
- Tight bending radii – compact hoses allowing compact machine designs
- Nitrile inner tubes – bio-oil resistant

## 492/462 – *Elite* 1/ 2-Wire Compact Hoses

### Hose construction:

Nitrile rubber tube; one or two braids of high tensile steel wire reinforcement; oil, weather and a high abrasion resistant black synthetic rubber cover.

**Temperature range:** ..... -40 °C to +100 °C  
 Exceptions: Air\* ..... max. +70 °C  
 Water\* ..... max. +85 °C

### Applications:

High pressure service with petroleum based hydraulic fluids, water\*-glycol and water\*-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air\* and water\*. Pin prick cover for air or gas applications above 17 bar (250 psi).

**Crimped fittings:** 46 series

## Parkrimp series fittings and crimpers

Parker's 492/462 hoses are compatible with 46 series fittings and the Parkrimp family of crimpers. From the assembly speed of the PHastkrimp to the portable ease of the KarryKrimpers, there is a Parkrimp machine that meets your needs.

A broad range of fittings, with over 60 end configurations, combined with Parker hose and crimpers allows simple and safe assembly – whenever and wherever needed.



XXXX-XX-XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
492-4	6	1/4	-4	6,3	11,5	28,0	4060	112,0	16240	75	0,18
492-5	8	5/16	-5	7,9	13,6	25,0	3625	100,0	14500	85	0,21
492-6	10	3/8	-6	9,5	15,5	22,5	3260	90,0	13050	90	0,25
492-8	12	1/2	-8	12,7	18,9	19,0	2755	76,0	11020	130	0,33
492-10	16	5/8	-10	15,9	22,2	15,0	2175	60,0	8700	150	0,41
492-12	20	3/4	-12	19,0	26,0	15,0	2175	60,0	8700	180	0,56
492-16	25	1	-16	25,4	33,3	11,0	1595	44,0	6380	230	0,75
492-20	32	1.1/4	-20	31,8	40,0	7,5	1085	30,0	4350	335	0,93
462-4	6	1/4	-4	6,3	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	20	3/4	-12	19,0	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	32	1.1/4	-20	31,8	43,0	17,2	2495	68,8	9980	335	1,50



**Parker Hannifin GmbH**  
 Hose Products Division Europe

e-mail: [hpde@parker.com](mailto:hpde@parker.com)  
[www.parker.com/euro\\_hpde](http://www.parker.com/euro_hpde)



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