

DATA SHEET

EN 856 4SP

MAIN APPLICATION:	Very high-pressure applications used for petroleum based hydraulic fluids.
APPLICABLE SPECS:	EN 856 4SP – ISO 3862-14SP – MT/T98 4SP
TEMPERATURE RANGE:	-40°F / +212°F -40°C / +100°C
INNER TUBE:	Oil resistant synthetic rubber.
REINFORCEMENT:	Four high tensile steel spiral.
COVER:	Synthetic rubber with high abrasion, ozone and weather resistance, Fire resistant with MSHA approval (rubber color and surface finish can be customized as per customer's request)
Optional Features:	Extreme Abrasion resistant UHMWPE Cover – High temperature(up to 200°C) – Low temperature(down to -50°C)



I.D			R.O.D		O.D		MAX W.P		MIN B.P.		MIN B.R	WEIGHT
DASH	DN	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M
-4	6	1/4"	14.7	0.58	17.6	0.69	450	6520	1800	26100	25	0.59
-6	10	3/8"	17.6	0.69	21.0	0.83	445	6450	1780	25810	180	0.78
-8	12	1/2"	20.3	0.80	24.2	0.96	415	6010	1660	24070	230	0.89
-10	16	5/8"	23.8	0.94	27.6	1.09	350	5070	1400	20300	250	1.11
-12	19	3/4"	28.2	1.11	31.7	1.25	350	5070	1400	20305	300	1.59
-16	25	1"	35.0	1.38	39.0	1.54	280	4060	1120	16240	340	2.02
-20	31	1-1/4"	46.1	1.81	49.7	1.96	210	3040	840	12180	460	3.32
-24	38	1-1/2"	52.4	2.06	56.1	2.21	185	2680	740	10730	560	3.7
-32	51	2"	65.4	2.57	69	2.72	165	2390	660	9572	660	5.47

Impulse tested over 1,000,000 cycles without leakage.