

E1

ENERGY ONE WIRE BRAID HOSE



RECOMMENDED FOR:

High pressure hydraulic oil lines.

PERFORMANCE:

Meets or Exceeds the Performance Requirements of: AS 3791 100R1AT, DIN 20022-1SN, EN 853 Type 1SN, ISO 1436 Types R1AT & 1SN, SAE 100R1AT.

TUBE:

Black, oil resistant synthetic rubber.

REINFORCEMENT:

One braid of high tensile steel wire.

COVER:

Black, oil resistant synthetic rubber. No skiving required with T2000 Series BITELOK Crimp Couplings and K000 Series Field Attachable Couplings.

TEMPERATURE RANGE:

From -40°C to +100°C (-40°F to +212°F).

WORKING PRESSURE:

Maximum working pressures are based on 4:1 safety factor (maximum working pressure to minimum burst pressure).

COUPLINGS:

BITELOK NON-SKIVE ONE-PIECE CRIMP

T2000 Series (sizes -04 to -16).

FIELD ATTACHABLE NON-SKIVE

6000 Series insert (sizes -04 to -16).

K000 Series ferrule (sizes -04 to -16).

Refer to Product Technical Manual-Hydraulics for assembly instructions.

E1 - ENERGY HOSE																
PART NO	HOSE SIZE	NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS		AVERAGE WEIGHT		COUPLING SERIES		
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	NON-SKIVE	
E14	6	-04	6,3	1/4	13,3	0.52	225	3250	900	13000	38	1.5	0,22	0.15	T2000	6000 (K000)
E15	8	-05	7,9	5/16	14,9	0.59	215	3100	860	12400	50	2.0	0,25	0.17	T2000	
E16	10	-06	9,5	3/8	17,3	0.68	180	2600	720	10400	50	2.0	0,31	0.21	T2000	6000 (K000)
E18	12	-08	12,7	1/2	20,3	0.80	160	2300	640	9200	75	3.0	0,39	0.26	T2000	6000 (K000)
E110	16	-10	15,9	5/8	23,6	0.93	130	1900	520	7600	90	3.5	0,49	0.33	T2000	6000 (K000)
E112	19	-12	19,1	3/4	27,6	1.09	105	1500	420	6000	109	4.3	0,62	0.42	T2000	6000 (K000)
E116	25	-16	25,4	1	35,5	1.40	90	1300	360	5200	140	5.5	0,90	0.60	T2000	6000 (K000)

Refer to the latest RYCO Crimp Charts for crimp diameter and mark lengths.