

EC1

ENERGY COMPACT
ONE WIRE BRAID HOSE



RECOMMENDED FOR:

High pressure hydraulic oil lines. Ideal for high pressure use that requires a more compact outside diameter than some other one wire braid hoses.

PERFORMANCE:

Meets or Exceeds the Performance Requirements of: EN 857 Type 1SC, ISO 11237 Type 1SC.

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.

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).

Refer to Product Technical Manual-Hydraulics for assembly instructions.

EC1 - ENERGY COMPACT HOSE															
PART NO	HOSE SIZE	NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS		AVERAGE WEIGHT		COUPLING SERIES ONE PIECE	
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	NON-SKIVE
EC14	6	-04	6,4	1/4	12,2	0.48	225	3250	900	13000	75	3.0	0,20	0.13	T2000
EC15	8	-05	7,9	5/16	13,9	0.55	215	3100	860	12400	85	3.3	0,22	0.15	T2000
EC16	10	-06	9,5	3/8	15,6	0.61	180	2600	720	10400	90	3.5	0,26	0.17	T2000
EC18	12	-08	12,7	1/2	19,0	0.75	160	2300	640	9200	130	5.1	0,33	0.22	T2000
EC110	16	-10	15,9	5/8	20,2	0.80	130	1900	520	7600	170	6.7	0,44	0.30	T2000
EC112	19	-12	19,1	3/4	25,6	1.01	105	1500	420	6000	200	7.9	0,50	0.34	T2000
EC116	25	-16	25,4	1	33,6	1.32	88	1280	352	5120	250	9.8	0,75	0.50	T2000

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