

RQP1

HIGH TEMPERATURE
MULTI FLUID
ONE WIRE BRAID HOSE

RYCO SURVIVOR RQP1



INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

TECHNICAL

RECOMMENDED FOR:

High pressure hydraulic oil applications where pressure or temperature requirements exceed the performance requirements of SAE 100R1AT and DIN 20022-1SN. May be used with compressed air if cover of hose is perforated (pin-pricked) and additional Safety Devices are used.

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, synthetic rubber, specifically compounded for temperature resistance and multi fluid resistance.

REINFORCEMENT:

One braid of high tensile steel wire.

COVER:

Survivor, blue, oil resistant and abrasion resistant synthetic rubber.

No skiving required with T2000 Series Crimp Couplings and K000 Series Field Attachable Couplings*.

MSHA - FLAME RESISTANCE:

Meets Flame Resistant Designation "U.S. MSHA" of the US Department of Labor, Mine Safety and Health Administration. Complies with Flame Resistant requirements of Australian Standard AS 2660 and Method of Test AS 1180.10B.

TEMPERATURE RANGE:

From -40°C to +150°C (-40°F to +302°F).

For water, water/oil emulsions, diesel fuels, glycol, see page 58.

WORKING PRESSURE:

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

THIRD PARTY APPROVALS:

ABS, DNV-GL, LR, MED, USCG, GOST-R, BV, RINA and KR.

COUPLINGS:

NON-SKIVE ONE-PIECE CRIMP

T2000 Series (sizes -04 to -16) pages 187 to 232. Assembly Instructions pages 478.

FIELD ATTACHABLE NON-SKIVE*

6000 SERIES insert (sizes -04 to -16) pages 250 to 271.

K000 Series ferrule (sizes -04 to -16) page 353.

Assembly Instructions page 476.

RQP1 - SURVIVOR NON-SKIVE HOSE																
PART NO	HOSE SIZE	NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS		AVERAGE WEIGHT		ONE PIECE	FIELD ATT	
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	NON-SKIVE	
RQP14	6	-04	6,6	1/4	13,4	0.53	225	3250	900	13000	100	4.0	0,24	0.16	T2000	6000 (K000)
RQP15	8	-05	8,2	5/16	15,0	0.59	215	3120	860	12500	114	4.5	0,27	0.18	T2000	
RQP16	10	-06	9,8	3/8	17,4	0.69	180	2600	720	10400	125	5.0	0,34	0.23	T2000	6000 (K000)
RQP18	12	-08	13,0	1/2	20,5	0.81	160	2300	640	9300	178	7.0	0,44	0.30	T2000	6000 (K000)
RQP110	16	-10	16,2	5/8	23,7	0.93	130	1880	520	7540	200	8.0	0,51	0.34	T2000	6000 (K000)
RQP112	19	-12	19,1	3/4	27,6	1.09	120	1740	480	7000	240	9.5	0,64	0.43	T2000	6000 (K000)
RQP116	25	-16	25,4	1	35,7	1.41	90	1300	360	5200	300	12.0	0,98	0.66	T2000	6000 (K000)

* Field Attachable Couplings should not be used on RQP1 Hose at maximum working pressure when temperature exceeds 121°C (250°F). Field Attachable Couplings may be used on RQP1 Hose at over 121°C but at reduced working pressure. Contact RYCO for more information. Refer to the latest RYCO Crimp Charts for crimp diameter and mark lengths.