

PL1

PUSH-ON HOSE
ONE TEXTILE BRAID HOSE



INTRODUCTION

HOSE

COUPLINGS

ADAPTORS

TECHNICAL

RECOMMENDED FOR:

Petroleum base hydraulic oils, glycol antifreeze solutions, water, diesel fuels, and air.

PERFORMANCE:

Meets or Exceeds the Performance Requirements of: AS 3791 100R6, DIN 20021-1TE, ISO 4079 Type 1, SAE 100R6.

TUBE:

Black, oil resistant synthetic rubber.

REINFORCEMENT:

One textile braid.

COVER:

Black, oil and abrasion resistant synthetic rubber. No skiving required with T4000 Series Crimp Couplings.

FRAS - FLAME RESISTANCE AND ANTI-STATIC:

Meets either Flame Resistance Designation "U.S. MSHA" of the US Department of Labor, Mine Safety and Health Administration; or "GL" Germanischer Lloyd. Contact RYCO for further information.

TEMPERATURE RANGE:

From -40°C to +95°C (-40°F to +203°F). For water, emulsions etc. see page <?>.

WORKING PRESSURE:

Maximum working pressures are based on 4:1 safety factor (maximum working pressure to minimum burst pressure). PL1 Hose, and 800 Series Push-On Fittings, are recommended for use in systems with Static Working Pressures (constant loads without pressure spikes) only. They are not recommended for vibration or pressure surge applications. PL1 Hose should not be used at both maximum working pressure and maximum temperature simultaneously.

COUPLINGS:

NON-SKIVE ONE-PIECE CRIMP

T4000 Series (Sizes -04 to -12) pages 233 to 249. Assembly Instructions pages 478.

FIELD ATTACHABLE NON-SKIVE

8000 Series Push-On (sizes -04 to -12) pages 325 to 331. PL1 Hose simply pushes on to 8000 Series Couplings. For diesel fuel and other potentially dangerous, or critical applications crimp fittings are required.

PL1 PUSH ON HOSE																		
PART NO	HOSE SIZE	NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM STATIC WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS		VACUUM RATING		AVERAGE WEIGHT		COUPLING SERIES		
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	mmHg	inHg	kg/m	lb/ft	NON-SKIVE	
PL14	6	-04	6,6	1/4	12,3	0.48	28	410	112	1640	65	2.5	710	28	0,12	0.08	T4000	8000
PL15	8	-05	8,2	5/16	13,9	0.55	28	410	112	1640	75	3.0	710	28	0,14	0.09	T4000	8000
PL16	10	-06	9,8	3/8	15,5	0.61	28	410	112	1640	75	3.0	635	25	0,17	0.11	T4000	8000
PL18	12	-08	13,0	1/2	19,0	0.75	28	410	112	1640	100	4.0	460	18	0,22	0.15	T4000	8000
PL110	16	-10	16,2	5/8	22,6	0.89	24	350	96	1400	125	5.0	380	15	0,29	0.19	T4000	8000
PL112	19	-12	19,1	3/4	25,8	1.02	21	305	84	1220	150	6.0	380	15	0,34	0.23	T4000	8000