

HOSE

TEXTILE BRAID

PL300

PUSH-ON HOSE
ONE TEXTILE BRAID HOSE



RECOMMENDED FOR:

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

TUBE:

Black, oil resistant synthetic rubber.

REINFORCEMENT:

One textile braid.

COVER:

Black, oil and abrasion resistant synthetic rubber.

TEMPERATURE RANGE:

Air: -40°C to +70°C (-40°F to +158°F)

Water: -40°C to +85°C (-40°F to +185°F)

Oil: -40°C to +95°C (-40°F to +203°F)

WORKING PRESSURE:

Maximum working pressures are based on 4:1 safety factor (maximum working pressure to minimum burst pressure). PL300 Hose, and 8000 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. PL300 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 477.

FIELD ATTACHABLE NON-SKIVE

8000 Series Push-On (sizes -04 to -16) pages 324 to 330.

PL300 Hose simply pushes on to 8000 Series Couplings. For Diesel fuel and other potentially dangerous, or critical applications crimp fittings are required.

PL300 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		ONE PC	PUSH ON	
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	mmHg	inHg	kg/m	lb/ft	NON-SKIVE	
PL303	6	-04	6,4	1/4	11,3	0.44	24	350	96	1400	65	2.6	710	28	0,09	0.06	T4000	8000
PL304	8	-05	8,0	5/16	13,0	0.51	24	350	96	1400	75	3.0	710	28	0,11	0.07	T4000	8000
PL305	10	-06	9,5	3/8	14,4	0.57	24	350	96	1400	75	3.0	635	25	0,13	0.09	T4000	8000
PL306	12	-08	12,7	1/2	17,8	0.70	21	305	84	1220	100	3.9	460	18	0,17	0.11	T4000	8000
PL308	16	-10	16,0	5/8	22,3	0.88	21	305	84	1220	125	4.9	380	15	0,26	0.17	T4000	8000
PL310	19	-12	19,1	3/4	25,5	1.00	21	305	84	1220	150	5.9	380	15	0,31	0.21	T4000	8000
PL312	25	-16	25,4	1	31,0	1.22	14	205	56	820	200	7.8			0,34	0.23	T4000	8000

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