

# Hoses

## Polyurethane Rubber Non-Conductive

HYDRAULIC ACCESSORIES

- 3/8" NPTF fittings on both ends.
- Operating pressure is 700 bar (10,000psi). All comply with MHI standard IJ100.

### A Non-conductive hose

For applications requiring electrical isolation by the hose, non-conductive hose has a leakage factor of less than 50 microamperes, considered a safe level of conductivity by SAE standards. The covering is polyurethane and colored orange for easy identification as non-conductive hose. The covering is not perforated, preventing moisture from entering the hose and affecting its overall conductivity. All non-conductive hoses have a minimum burst pressure of 2800 bar.

### B Rubber hose

2-ply rated hose reinforced with two braids of high tensile steel wire. The rubber covering is oil and weather resistant.

### C Polyurethane hose

Made up of nylon core tube with polyester fiber reinforcement which will withstand the minimum SAE bend radius without shortening service life. These hoses last up to seven times longer than rubber hose, and are suitable for continuous service at temperatures from -40° to 150° F (-40° to 66°C).

### D Hydraulic hose assembly

**No. 9764** – Hose assembly consisting of 9767 (1,8 m hose), 6,4mm I.D. polyurethane with 9798 hose half coupler and 9800 dust cap.

**No. 9754** – Hose assembly consisting of 9756 (1,8 m hose), 6,4 mm I.D. rubber with 9798 hose half coupler and 9800 dust cap.



The figures show the relative effect two styles of hose can have on return time. Actual times may vary.

CYLINDER RETURN TIME		
	No. 9769 3,1 m Hose 6,4 mm I.D.	No. 9781 3,1 m Hose 9,5 mm I.D.
<b>Cylinder</b>		
<b>C2514C</b>	51 sec.	14 sec.
<b>C556C</b>	1 min., 30 sec.	24 sec.
<b>C5513C</b>	4 min., 12 sec.	59 sec.
<b>C10010C</b>	6 min., 56 sec.	1 min., 3 sec.

Hose Type	Hose I.D.	Hose Length	Burst Rating	Order No.	Hose Type	Hose I.D.	Hose Length	Burst Rating	Order No.
Polyurethane	6,4 mm	0,6 m	1 400 bar	<b>9765</b>	Rubber, Wire-braid	6,4 mm	2,4 m	1 400 bar	<b>9757</b>
Polyurethane	6,4 mm	0,9 m	1 400 bar	<b>9766</b>	Rubber, Wire-braid	6,4 mm	3,1 m	1 400 bar	<b>9758</b>
Polyurethane	6,4 mm	1,8 m	1 400 bar	<b>9767</b>	Rubber, Wire-braid	6,4 mm	3,7 m	1 400 bar	<b>9759</b>
Polyurethane	6,4 mm	1,8 m	1 400 bar	<b>9764*</b>	Rubber, Wire-braid	6,4 mm	6,1 m	1 400 bar	<b>9760</b>
Polyurethane	6,4 mm	2,4 m	1 400 bar	<b>9768</b>	Rubber, Wire-braid	6,4 mm	9,1 m	1 400 bar	<b>9761</b>
Polyurethane	6,4 mm	3,1 m	1 400 bar	<b>9769</b>	Rubber, Wire-braid	6,4 mm	15,3 m	1 400 bar	<b>9762</b>
Polyurethane	6,4 mm	3,7 m	1 400 bar	<b>9770</b>	Rubber, Wire-braid	9,5 mm High Flow	0,9 m	1 400 bar	<b>9733</b>
Polyurethane	6,4 mm	6,1 m	1 400 bar	<b>9771</b>	Rubber, Wire-braid	9,5 mm High Flow	1,8 m	1 400 bar	<b>9776</b>
Polyurethane	6,4 mm	15,3 m	1 400 bar	<b>9772</b>	Rubber, Wire-braid	9,5 mm High Flow	3,1 m	1 400 bar	<b>9777</b>
Polyurethane	6,4 mm	22,9 m	1 400 bar	<b>9750</b>	Rubber, Wire-braid	9,5 mm High Flow	4,6 m	1 400 bar	<b>9734</b>
Polyurethane	6,4 mm	30,5	1 400 bar	<b>9751</b>	Rubber, Wire-braid	9,5 mm High Flow	6,1 m	1 400 bar	<b>9778</b>
Polyurethane	9,5 mm High Flow	1,8 m	2 100 bar	<b>9780</b>	Rubber, Wire-braid	9,5 mm High Flow	9,1 m	1 400 bar	<b>9735</b>
Polyurethane	9,5 mm High Flow	3,1 m	2 100 bar	<b>9781</b>	Rubber, Wire-braid	9,5 mm High Flow	12,2 m	1 400 bar	<b>9736</b>
Polyurethane	9,5 mm High Flow	6,1 m	2 100 bar	<b>9782</b>	Rubber, Wire-braid	9,5 mm High Flow	15,3 m	1 400 bar	<b>9779</b>
Polyurethane	9,5 mm High Flow	15,3 m	2 100 bar	<b>9783</b>	Non-Conductive	6,4 mm	1,8 m	2 800 bar	<b>9773</b>
Rubber, Wire-braid	6,4 mm	0,9 m	1 400 bar	<b>9755</b>	Non-Conductive	6,4 mm	3,1 m	2 800 bar	<b>9774</b>
Rubber, Wire-braid	6,4 mm	1,8 m	1 400 bar	<b>9756</b>	Non-Conductive	6,4 mm	6,1 m	2 800 bar	<b>9775</b>
Rubber, Wire-braid	6,4 mm	1,8 m	1 400 bar	<b>9754*</b>					

NOTE: Polyurethane hoses not recommended for use where heat or weld splatter conditions exist.

\* Furnished with 9798 hose half coupler and 9800 dust cap.

# PT POLYFLEX HOSE

INDUSTRIAL



PT Hydraulics Australia has upgraded its hydraulic hose to supply new Polyflex hose. The new hose is a Thermoplastic hose with 4:1 safety factor, 1/4" ID and a 720 Bar working pressure. It can be supplied to comply with full MDG41 specifications and is available with MSHA compliant sheathing if required.

These new PT Industrial hoses will all but supersede the current range of rubber hoses (1/4" ID only). i.e., Unless specified, a customer ordering a 1.8m rubber hose (Current Part No. 9756) will be supplied a Polyflex equivalent (New Part No. 9756-P). Similarly, a customer who orders a 1.8m polyurathane hose (Current Part No. 9767) will be supplied a new Polyflex equivalent (New Part No. 9767-P).

Old Rubber	Old Poly	New 4:1 Poly	Length	Hose ID	Male 3/8 NPT ends	Male Coupling Single (9798)	Male Coupling double (9798)	Non-Cond.
	9765	9765-P	0.6m	1/4	✓			
9755	9766	9755-P	0.9m	1/4	✓			
9756	9767	9756-P	1.8m	1/4	✓			
9757	9768	9757-P	2.4m	1/4	✓			
9758	9769	9758-P	3.1m	1/4	✓			
9759	9770	9759-P	3.7m	1/4	✓			
9760	9771	9760-P	6.1m	1/4	✓			
9761		9761-P	9.1m	1/4	✓			
9762	9772	9762-P	15.3m	1/4	✓			
	9750	9750-P	22.9m	1/4	✓			
	9751	9751-P	30.5m	1/4	✓			
		9765-PC	0.6m	1/4		✓		
		9755-PC	0.9m	1/4		✓		
9754	9764	9756-PC	1.8m	1/4		✓		
		9757-PC	2.4m	1/4		✓		
		9758-PC	3.1m	1/4		✓		
		9759-PC	3.7m	1/4		✓		
		9760-PC	6.1m	1/4		✓		
		9761-PC	9.1m	1/4		✓		
		9762-PC	15.3m	1/4		✓		
		9750-PC	22.9m	1/4		✓		
		9751-PC	30.5m	1/4		✓		
		9765-PC2	0.6m	1/4			✓	
		9755-PC2	0.9m	1/4			✓	
		9756-PC2	1.8m	1/4			✓	
		9757-PC2	2.4m	1/4			✓	
		9758-PC2	3.1m	1/4			✓	
		9759-PC2	3.7m	1/4			✓	
		9760-PC2	6.1m	1/4			✓	
		9761-PC2	9.1m	1/4			✓	
		9762-PC2	15.3m	1/4			✓	
		9750-PC2	22.9m	1/4			✓	
		9751-PC2	30.5m	1/4			✓	
9773			1.8m	1/4				✓
9774			3.1m	1/4				✓
9775			6.1m	1/4				✓
9733			0.9m	3/8	✓			
9776	9780		1.8m	3/8	✓			
9777	9781		3.1m	3/8	✓			
9734			4.6m	3/8	✓			
9778	9782		6.1m	3/8	✓			
9735			9.1m	3/8	✓			
9736			12.2m	3/8	✓			
9779	9783		15.3m	3/8	✓			



Contact us for more information



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Limited stocks of original rubber hosing will be kept in stock and supplied when requested.