



# Hoses

## Polyurethane Rubber Non-Conductive

- 3/8" NPTF fittings on both ends.
- Operating pressure is 700 bar.
- All comply with SAE 100R10 standard.

HYDRAULIC ACCESSORIES

### 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 2.800 bar.

### B Rubber hose

6 spiral (R13 specification) rated hose reinforced with two braids of high tensile steel wire and have a tool 4:1 safety factor. The rubber covering is oil and weather resistant.

### C Polyurethane hose

Made with Nylon core and then one braid of Aramid and one braid of wire reinforcement with a orange polyurethane cover (Conductive). 4:1 safety factor standard 700 bar WP / 2800 bar BP.

### D Hydraulic hose assembly

**No. 9764E** - Hose assembly consisting of 9767E (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. 9769E 3,1 m Hose 6,4 mm I.D.	No. 9781E 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.

### ORDERING INFORMATION

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	2 800 bar	<b>9765E</b>	Rubber, Wire-braid	6,4 mm	2,4 m	2 800 bar	<b>9757E</b>
Polyurethane	6,4 mm	0,9 m	2 800 bar	<b>9766E</b>	Rubber, Wire-braid	6,4 mm	3,1 m	2 800 bar	<b>9758E</b>
Polyurethane	6,4 mm	1,8 m	2 800 bar	<b>9767E</b>	Rubber, Wire-braid	6,4 mm	3,7 m	2 800 bar	<b>9759E</b>
Polyurethane	6,4 mm	1,8 m	2 800 bar	<b>9764E*</b>	Rubber, Wire-braid	6,4 mm	6,1 m	2 800 bar	<b>9760E</b>
Polyurethane	6,4 mm	2,4 m	2 800 bar	<b>9768E</b>	Rubber, Wire-braid	6,4 mm	9,1 m	2 800 bar	<b>9761E</b>
Polyurethane	6,4 mm	3,1 m	2 800 bar	<b>9769E</b>	Rubber, Wire-braid	6,4 mm	15,3 m	2 800 bar	<b>9762E</b>
Polyurethane	6,4 mm	3,7 m	2 800 bar	<b>9770E</b>	Rubber, Wire-braid	9,5 mm High Flow	0,9 m	2 800 bar	<b>9733E</b>
Polyurethane	6,4 mm	6,1 m	2 800 bar	<b>9771E</b>	Rubber, Wire-braid	9,5 mm High Flow	1,8 m	2 800 bar	<b>9776E</b>
Polyurethane	6,4 mm	15,3 m	2 800 bar	<b>9772E</b>	Rubber, Wire-braid	9,5 mm High Flow	3,1 m	2 800 bar	<b>9777E</b>
Polyurethane	6,4 mm	22,9 m	2 800 bar	<b>9750E</b>	Rubber, Wire-braid	9,5 mm High Flow	4,6 m	2 800 bar	<b>9734E</b>
Polyurethane	6,4 mm	30,5	2 800 bar	<b>9751E</b>	Rubber, Wire-braid	9,5 mm High Flow	6,1 m	2 800 bar	<b>9778E</b>
Polyurethane	9,5 mm High Flow	1,8 m	2 800 bar	<b>9780E</b>	Rubber, Wire-braid	9,5 mm High Flow	9,1 m	2 800 bar	<b>9735E</b>
Polyurethane	9,5 mm High Flow	3,1 m	2 800 bar	<b>9781E</b>	Rubber, Wire-braid	9,5 mm High Flow	12,2 m	2 800 bar	<b>9736E</b>
Polyurethane	9,5 mm High Flow	6,1 m	2 800 bar	<b>9782E</b>	Rubber, Wire-braid	9,5 mm High Flow	15,3 m	2 800 bar	<b>9779E</b>
Polyurethane	9,5 mm High Flow	15,3 m	2 800 bar	<b>9783E</b>	Non-Conductive	6,4 mm	1,8 m	2 800 bar	<b>9773</b>
Rubber, Wire-braid	6,5 mm	0,9 m	2 800 bar	<b>9755E</b>	Non-Conductive	6,4 mm	3,1 m	2 800 bar	<b>9774</b>
Rubber, Wire-braid	6,5 mm	1,8 m	2 800 bar	<b>9756E</b>	Non-Conductive	6,4 mm	6,1 m	2 800 bar	<b>9775</b>
Rubber, Wire-braid	6,5 mm	1,8 m	2 800 bar	<b>9754E*</b>					



NOTE: Polyurethane hoses not recommended for use where heat or weld splatter conditions exist.  
Other lengths available on request

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