

# Hoses

## Polyurethane Rubber Non-Conductive

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

### 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.

HYDRAULIC ACCESSORIES

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	2 100 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	2 100 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	2 100 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	2 100 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>					

# CE

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

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

## Hose

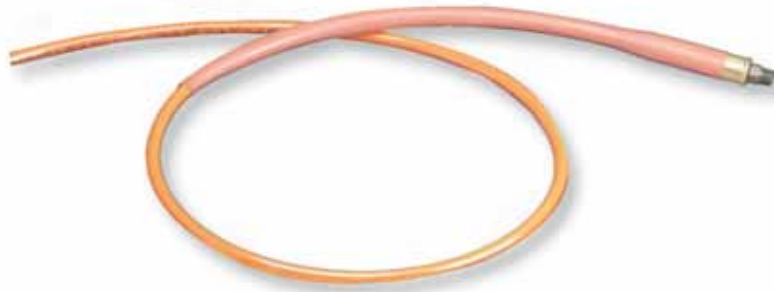
NON-CONDUCTIVE

6,4 mm I. D.

700 bar

### NON-CONDUCTIVE HOSES

- For applications requiring electrical isolation.
- 3/8" NPTF fittings on both ends
- All couplers feature metal dust caps
- Leakage factor of less than 50 microampere.
- Orange polyurethane for easy identification.
- Covering is not perforated, preventing moisture from entering the hose and affecting its overall conductivity.
- Hoses feature a minimum 2 800 bar burst pressure.



Hose No.	Couplers/ Fitting	I. D. (mm)	Length (m)
<b>3-3932</b>	3/8" fitting	6,4	1,8
<b>3-3933</b>	3/8" fitting	6,4	3
<b>3-3934</b>	3/8" fitting	6,4	4,5
<b>3-3935</b>	3/8" fitting	6,4	7,5
<b>3-3944*</b>	Male/Male Couplers	6,4	1,8
<b>3-3945*</b>	Male/Male Couplers	6,4	3
<b>3-3946*</b>	Male/Male Couplers	6,4	4,5
<b>3-3947*</b>	Male/Male Couplers	6,4	7,5
<b>3-3956*</b>	Male/Female Couplers	6,4	1,8
<b>3-3957*</b>	Male/Female Couplers	6,4	3,0
<b>3-3958*</b>	Male/Female Couplers	6,4	4,5
<b>3-3959*</b>	Male/Female Couplers	6,4	7,5

\* Hoses are prefilled with hydraulic fluid