

# Hoses

## Polyurethane Rubber Non-Conductive

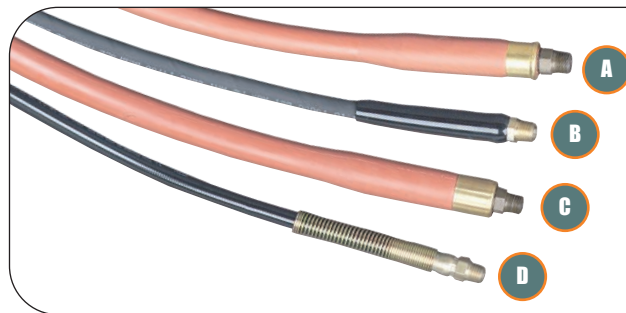
- All have plastic hose guards except for the 1/4" I.D. polyurethane hoses which have spring guards.
- 3/8" NPTF fittings on both ends.
- Operating pressure is 10,000 psi.
- All comply with MHI standard IJ100.

**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 40,000 psi.

**B Rubber hose**  
2-ply rated hose reinforced with two braids of high tensile steel wire. The rubber covering is oil and weather resistant. These hoses are MSHA approved.

**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.

**D Hydraulic hose assembly**  
**No. 9764** – Hose assembly consisting of 9767 (6' hose), 1/4" I.D. polyurethane with 9798 hose half coupler and 9800 dust cap assembled.  
**No. 9754** – Hose assembly consisting of 9756 (6' hose), 1/4" I.D. rubber with 9798 hose half coupler and 9800 dust cap assembled.



A = 1/4" I.D. Non-Conductive  
B = 1/4" & 3/8" I.D. Rubber  
C = 3/8" I.D. Polyurethane  
D = 1/4" I.D. Polyurethane

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

CYLINDER RETURN TIME		
	No. 9769 10 Ft. Hose 1/4" I.D.	No. 9781 10 Ft. Hose 3/8" I.D.
<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	1/4"	2 ft.	20,000 psi	<b>9765</b>	Rubber, Wire-braid	1/4"	8 ft.	20,000 psi	<b>9757</b>
Polyurethane	1/4"	3 ft.	20,000 psi	<b>9766</b>	Rubber, Wire-braid	1/4"	10 ft.	20,000 psi	<b>9758</b>
Polyurethane	1/4"	6 ft.	20,000 psi	<b>9767</b>	Rubber, Wire-braid	1/4"	12 ft.	20,000 psi	<b>9759</b>
Polyurethane	1/4"	6 ft.	20,000 psi	<b>9764*</b>	Rubber, Wire-braid	1/4"	20 ft.	20,000 psi	<b>9760</b>
Polyurethane	1/4"	8 ft.	20,000 psi	<b>9768</b>	Rubber, Wire-braid	1/4"	30 ft.	20,000 psi	<b>9761</b>
Polyurethane	1/4"	10 ft.	20,000 psi	<b>9769</b>	Rubber, Wire-braid	1/4"	50 ft.	20,000 psi	<b>9762</b>
Polyurethane	1/4"	12 ft.	20,000 psi	<b>9770</b>	Rubber, Wire-braid	3/8" High Flow	3 ft.	20,000 psi	<b>9733</b>
Polyurethane	1/4"	20 ft.	20,000 psi	<b>9771</b>	Rubber, Wire-braid	3/8" High Flow	6 ft.	20,000 psi	<b>9776</b>
Polyurethane	1/4"	50 ft.	20,000 psi	<b>9772</b>	Rubber, Wire-braid	3/8" High Flow	10 ft.	20,000 psi	<b>9777</b>
Polyurethane	1/4"	75 ft.	20,000 psi	<b>9750</b>	Rubber, Wire-braid	3/8" High Flow	15 ft.	20,000 psi	<b>9734</b>
Polyurethane	1/4"	100 ft.	20,000 psi	<b>9751</b>	Rubber, Wire-braid	3/8" High Flow	20 ft.	20,000 psi	<b>9778</b>
Polyurethane	3/8" High Flow	6 ft.	30,000 psi	<b>9780</b>	Rubber, Wire-braid	3/8" High Flow	30 ft.	20,000 psi	<b>9735</b>
Polyurethane	3/8" High Flow	10 ft.	30,000 psi	<b>9781</b>	Rubber, Wire-braid	3/8" High Flow	40 ft.	20,000 psi	<b>9736</b>
Polyurethane	3/8" High Flow	20 ft.	30,000 psi	<b>9782</b>	Rubber, Wire-braid	3/8" High Flow	50 ft.	20,000 psi	<b>9779</b>
Polyurethane	3/8" High Flow	50 ft.	30,000 psi	<b>9783</b>	Non-Conductive	1/4"	6 ft.	40,000 psi	<b>9773</b>
Rubber, Wire-braid	1/4"	3 ft.	20,000 psi	<b>9755</b>	Non-Conductive	1/4"	10 ft.	40,000 psi	<b>9774</b>
Rubber, Wire-braid	1/4"	6 ft.	20,000 psi	<b>9756</b>	Non-Conductive	1/4"	20 ft.	40,000 psi	<b>9775</b>
Rubber, Wire-braid	1/4"	6 ft.	20,000 psi	<b>9754*</b>	For additional non-conductive hoses refer to page #179				
For torque wrench tools refer to page #156-161									

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

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