

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.

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.

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.

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.

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

CYLINDER RETURN TIME

	No. 9769 10 Ft. Hose 1/4" I.D.	No. 9781 10 Ft. Hose 3/8" I.D.
Cylinder		
C2514C	51 sec.	14 sec.
C556C	1 min., 30 sec.	24 sec.
C5513C	4 min., 12 sec.	59 sec.
C10010C	6 min., 56 sec.	1 min., 3 sec.

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

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	1/4"	2 ft.	20,000 psi	9765	Rubber, Wire-braid	1/4"	8 ft.	20,000 psi	9757
Polyurethane	1/4"	3 ft.	20,000 psi	9766	Rubber, Wire-braid	1/4"	10 ft.	20,000 psi	9758
Polyurethane	1/4"	6 ft.	20,000 psi	9767	Rubber, Wire-braid	1/4"	12 ft.	20,000 psi	9759
Polyurethane	1/4"	6 ft.	20,000 psi	9764*	Rubber, Wire-braid	1/4"	20 ft.	20,000 psi	9760
Polyurethane	1/4"	8 ft.	20,000 psi	9768	Rubber, Wire-braid	1/4"	30 ft.	20,000 psi	9761
Polyurethane	1/4"	10 ft.	20,000 psi	9769	Rubber, Wire-braid	1/4"	50 ft.	20,000 psi	9762
Polyurethane	1/4"	12 ft.	20,000 psi	9770	Rubber, Wire-braid	3/8" High Flow	3 ft.	20,000 psi	9733
Polyurethane	1/4"	20 ft.	20,000 psi	9771	Rubber, Wire-braid	3/8" High Flow	6 ft.	20,000 psi	9776
Polyurethane	1/4"	50 ft.	20,000 psi	9772	Rubber, Wire-braid	3/8" High Flow	10 ft.	20,000 psi	9777
Polyurethane	1/4"	75 ft.	20,000 psi	9750	Rubber, Wire-braid	3/8" High Flow	15 ft.	20,000 psi	9734
Polyurethane	1/4"	100 ft.	20,000 psi	9751	Rubber, Wire-braid	3/8" High Flow	20 ft.	20,000 psi	9778
Polyurethane	3/8" High Flow	6 ft.	30,000 psi	9780	Rubber, Wire-braid	3/8" High Flow	30 ft.	20,000 psi	9735
Polyurethane	3/8" High Flow	10 ft.	30,000 psi	9781	Rubber, Wire-braid	3/8" High Flow	40 ft.	20,000 psi	9736
Polyurethane	3/8" High Flow	20 ft.	30,000 psi	9782	Rubber, Wire-braid	3/8" High Flow	50 ft.	20,000 psi	9779
Polyurethane	3/8" High Flow	50 ft.	30,000 psi	9783	Non-Conductive	1/4"	6 ft.	40,000 psi	9773
Rubber, Wire-braid	1/4"	3 ft.	20,000 psi	9755	Non-Conductive	1/4"	10 ft.	40,000 psi	9774
Rubber, Wire-braid	1/4"	6 ft.	20,000 psi	9756	Non-Conductive	1/4"	20 ft.	40,000 psi	9775
Rubber, Wire-braid	1/4"	6 ft.	20,000 psi	9754*					

For torque wrench tools refer to page 166-169

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

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

