



All hoses comply with MHI standard IJ100



HTS50



HTS6

Hydraulic Accessories

Hydraulic hose

There are five styles in lengths from 2 to 100 ft. All have plastic hose guards except for the 1/4" I.D. polyurethane hoses which have spring guards. All have 3/8" NPTF fittings on both ends. Operating pressure is 10,000 psi. Minimum burst pressure is 20,000 psi (except for the non-conductive hoses and 3/8" high flow polyurethane hoses), and all comply with MHI standard IJ100.

■ Polyurethane hose

This hose style is offered in two sizes: 1/4" or 3/8" I.D. It is 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.

■ Rubber hose

This hose style is also offered in two sizes: 1/4" or 3/8" I.D. It is 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.

■ 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 on 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.

ORDERING INFORMATION

Order No.	Hose Length	Hose Type	Hose I.D.	Hose Ends
9765	2 ft.	Polyurethane Nylon Core Synthetic Fiber Reinforced* (20,000 psi burst rating)	1/4"	3/8" NPTF Male
9766	3 ft.			
9767	6 ft.			
9764**	6 ft.			
9768	8 ft.			
9769	10 ft.			
9770	12 ft.			
9771	20 ft.			
9772	50 ft.			
9750	75 ft.			
9751	100 ft.			
9780	6 ft.	Polyurethane Nylon Core Synthetic Fiber Reinforced* (30,000 psi burst rating)	3/8" High Flow	
9781	10 ft.			
9782	20 ft.			
9783	50 ft.			
9755	3 ft.	Rubber, Wire-braid (2-Ply, 20,000 psi burst rating)	1/4"	
9756	6 ft.			
9754**	6 ft.			
9757	8 ft.			
9758	10 ft.			
9759	12 ft.			
9760	20 ft.			
9761	30 ft.			
9762	50 ft.			
9733	3 ft.	Rubber, Wire-braid (2-Ply, 20,000 psi burst rating)	3/8" High Flow	
9776	6 ft.			
9777	10 ft.			
9734	15 ft.			
9778	20 ft.			
9735	30 ft.			
9736	40 ft.			
9779	50 ft.			
9773	6 ft.	"Non-Conductive" (40,000 psi burst rating)	1/4"	
9774	10 ft.			
9775	20 ft.			

*NOTE: This hose not recommended for use where heat or weld splatter conditions exist.

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

Hydraulic hose assembly

No. 9764 - Hose ass'y consisting of 9767 (6' hose), 1/4" I.D. polyurethane with 9798 hose half coupler & 9800 dust cap assembled.

No. 9754 - Hose ass'y consisting of 9756 (6' hose), 1/4" I.D. rubber with 9798 hose half coupler & 9800 dust cap assembled.

HTS6, HTS50 heavy-duty pipe sealant with Teflon®

■ Seals new or damaged threads; resists water, chemicals and oils.

■ Replaces conventional tape methods; forms an clog-free seal. Effective at 10,000 psi.

When "plumbing" a hydraulic system, there's now a better answer than tapes which can tear or shred, possibly plugging filters, valves or gauges. This compound combines the lubricating qualities of Teflon with a fast curing anaerobic sealant. Seals all metal fittings, plugs and threaded joints quickly and easily. Cures to form a permanent seal which is inert to hydrocarbons, most acids, chemicals, solvents and steam. Allows adjustment up to 16 hours after assembly; cannot loosen under vibration. Prevents galling of mating parts upon disassembly. Withstands temperatures from -65° F to +375° F.

No. HTS6 - Sealant, 6 ml. tube. Wt., .1 lb..

No. HTS50 - Sealant, 50 ml. tube. Wt., .4 lb.

Teflon is a registered trademark of duPont Co.

Cylinder return time

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

Cyl.	No. 9769 10 Ft. Hose 1/4" I.D.	No. 9781 10 Ft. Hose 3/8" I.D.
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.