

Hoses

Polyurethane Rubber Non-Conductive

HYDRAULIC ACCESSORIES

- 3/8" NPTF fittings on both ends.
- Operating pressure is 700 bar (10,000psi). 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 2800 bar.

B Rubber hose

2-ply rated hose reinforced with two braids of high tensile steel wire. The rubber covering is oil and weather resistant.

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 (-40° to 66°C).

D Hydraulic hose assembly

No. 9764 – Hose assembly consisting of 9767 (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. 9769 3,1 m Hose 6,4 mm I.D.	No. 9781 3,1 m Hose 9,5 mm 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.

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	1 400 bar	9765	Rubber, Wire-braid	6,4 mm	2,4 m	1 400 bar	9757
Polyurethane	6,4 mm	0,9 m	1 400 bar	9766	Rubber, Wire-braid	6,4 mm	3,1 m	1 400 bar	9758
Polyurethane	6,4 mm	1,8 m	1 400 bar	9767	Rubber, Wire-braid	6,4 mm	3,7 m	1 400 bar	9759
Polyurethane	6,4 mm	1,8 m	1 400 bar	9764*	Rubber, Wire-braid	6,4 mm	6,1 m	1 400 bar	9760
Polyurethane	6,4 mm	2,4 m	1 400 bar	9768	Rubber, Wire-braid	6,4 mm	9,1 m	1 400 bar	9761
Polyurethane	6,4 mm	3,1 m	1 400 bar	9769	Rubber, Wire-braid	6,4 mm	15,3 m	1 400 bar	9762
Polyurethane	6,4 mm	3,7 m	1 400 bar	9770	Rubber, Wire-braid	9,5 mm High Flow	0,9 m	1 400 bar	9733
Polyurethane	6,4 mm	6,1 m	1 400 bar	9771	Rubber, Wire-braid	9,5 mm High Flow	1,8 m	1 400 bar	9776
Polyurethane	6,4 mm	15,3 m	1 400 bar	9772	Rubber, Wire-braid	9,5 mm High Flow	3,1 m	1 400 bar	9777
Polyurethane	6,4 mm	22,9 m	1 400 bar	9750	Rubber, Wire-braid	9,5 mm High Flow	4,6 m	1 400 bar	9734
Polyurethane	6,4 mm	30,5	1 400 bar	9751	Rubber, Wire-braid	9,5 mm High Flow	6,1 m	1 400 bar	9778
Polyurethane	9,5 mm High Flow	1,8 m	2 100 bar	9780	Rubber, Wire-braid	9,5 mm High Flow	9,1 m	1 400 bar	9735
Polyurethane	9,5 mm High Flow	3,1 m	2 100 bar	9781	Rubber, Wire-braid	9,5 mm High Flow	12,2 m	1 400 bar	9736
Polyurethane	9,5 mm High Flow	6,1 m	2 100 bar	9782	Rubber, Wire-braid	9,5 mm High Flow	15,3 m	1 400 bar	9779
Polyurethane	9,5 mm High Flow	15,3 m	2 100 bar	9783	Non-Conductive	6,4 mm	1,8 m	2 800 bar	9773
Rubber, Wire-braid	6,4 mm	0,9 m	1 400 bar	9755	Non-Conductive	6,4 mm	3,1 m	2 800 bar	9774
Rubber, Wire-braid	6,4 mm	1,8 m	1 400 bar	9756	Non-Conductive	6,4 mm	6,1 m	2 800 bar	9775
Rubber, Wire-braid	6,4 mm	1,8 m	1 400 bar	9754*					

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

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