



## **Hoses**

# **World Class Hydraulic Hoses**

Produced to ISO 9001 certification, hydraulic hose undergo state-of-the-art manufacturing processes and meet the applied international standards of SAE J517, EN 853, EN 854, EN 855, EN 856, EN 857, and DIN 2002

## **GENERAL OVERVIEW**

Aronson Manufacturing carries a comprehensive line of hydraulic solutions including Fleet Applications, Hose for High Temperature and Non-Conductive Applications. For low to high-pressure applications, we carry the right hose.

## 100 R1AT AND 100R2AT HYDRAULIC HOSE

3/16" thru 2" ID

### APPLICATION

This hose is designed for general-purpose medium and high pressure hydraulic oil lines used in construction, machine tool, and agriculture.

NUMBER	DESCRIPTION	PSI
41-3018	1/4" R1AT	3270
41-3019	3/8" R1AT	2616
41-3020	1/2" R1AT	2320
41-3021	5/8" R1AT	1890
41-3022	3/4" R1AT	1530
41-3023	1" R1AT	1280
41-3010	1/4" R2AT	5800
41-3011	3/8" R2AT	4800
41-3012	1/2" R2AT	4000
41-3013	5/8" R2AT	3630
41-3014	3/4" R2AT	3120
41-3015	1" R2AT	2400
41-3030	1-1/4" R2AT	1820
41-3031	1-1/2" R2AT	1310



3/16" and 2" available upon request

# 100 R16SC HYDRAULIC HOSE

1-4" thru 1" ID

## APPLICATION

This hose is designed for high pressure service with tight bends exceeding SAE 100R2 and SAE 100R16 standards. Excellent impulse performance and flexibility.

NUMBER	DESCRIPTION	PSI	
41-3103	1/4" R16SC	5800	
41-3104	3/8" R16SC	5000	
41-3105	1/2" R16SC	4500	
41-3106	5/8" R16SC	4000	
41-3107	3/4" R16SC	3500	
41-3108	1" R16SC	2700	

# 100 R5 HYDRAULIC HOSE

3/16" thru 1-3/16" ID

## APPLICATION

This hose is designed for general purpose medium pressure applications. Applications include petroleum-based hydraulic oil, air and water for use in air brakes, power steering, turbo oil lines, tilt cab cylinders, transmission coolant and filtration lines.

NUMBER	DESCRIPTION	PSI
41-3003	3/16" R5	3000
41-3004	1/4" R5	3000
41-3005	5/16" R5	2250
41-3006	13/32" R5	2000
41-3007	1/2" R5	1750
41-3008	5/8" R5	1500
41-3009	7/8" R5	800
41-3101	1-1/8" RS	625
41-3102	1-3/8" R5	500

1-13/16" Available upon request

# 100 R7 THERMOPLASTIC HYDRAULIC HOSE

1/8" thru 1" ID with Perforated Cover

## APPLICATION

This hose is designed for general purpose medium pressure applications. Compatible with petroleum, water, and synthetic based fluids for mobile equipment, lube lines, blowout preventers, hydraulic fluids, and construction machinery.

NUMBER	DESCRIPTION	PSI	
41-3044	1/4" R7	3000	
41-3045	5-16" R7	2500	
41-3046	3/8" R7	2250	
41-3047	1/2" R7	2000	
41-3048	3/4" R7	1250	

1/8" - 3/16" - 1" Available upon request

# 100 R7 THERMOPLASTIC NON-CONDUCTIVE HYDRAULIC HOSE

1/8" thru 1" ID with Non-Perforated Cover and Non-Conductive

## APPLICATION

This hose is designed for general purpose medium pressure applications which require a non-conductive hose. Compatible with petroleum, water, and synthetic based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts, and construction machinery.

NUMBER	DESCRIPTION	PSI	
41-3049	1/4" NR7	2750	
41-3050	5-16" NR7	2500	
41-3051	3/8" NR7	2250	
41-3052	1/2" NR7	2250	

1/8" - 3/16" - 1" Available upon request

# FOUR WIRE HYDRAULIC HOSE

1/2" thru 2" ID

## APPLICATION

This hose is designed for very high pressure; pulsating applications used for petroleum based hydraulic fluids.

NUMBER	DESCRIPTION	PSI
41-3038	1/2" R12	4000
41-3033	3/4" 4SH	6000
41-3034	1" 4SH	5500
41-3035	1-1/4" 4SH	4200
41-3036	1 1/2" 4SH	4000
41-3037	2" 4SH	3650

# STANDARD BARRIER AC HOSE

5/16" Thru 5/8" ID

## APPLICATION

This hose is recommended for R134a and R12 refrigerants in automotive heavy-duty truck, construction, and agricultural air conditioning systems.

NUMBER	DESCRIPTION	PSI
41-3053	-6 AC	500
41-3054	-8 AC	500

41-3055	-10 AC	500	
41-3056	-12 AC	500	

# HYDRAULIC SUCTION HOSE

3/4" Thru 2-1/2" ID

## APPLICATION

This hose is recommended for low pressure, high temperature return line or suction line for petroleum and water-based hydraulic fluids. Vacuum rating 25 inches Hg. With 1/2 the typical bend radius of typical SAE 100R4.

NUMBER	DESCRIPTION	PSI	
41-3024	3/4" R4	300	
41-3025	1" R4	250	
41-3026	1-1/4" R4	200	
41-3027	1-1/2" R4	150	
41-3028	2" R4	100	
41-3029	2-1/2" R4	62	



# JACK HOSE

1/4" Thru 3/8" ID

## APPLICATION

This hose is designed for extreme high pressure hydraulic lines for jacking systems.

NUMBER	DESCRIPTION	PSI	
41-3016	1/4" Jack Hose	10,000	
41-3017	3/8" Jack Hose	10,000	

## Nylon Hose Sleeve

Woven from thousands of nylon filaments into a self-renewing, abrasion-resistant fabric sleeve, this black smooth-bore cover is easily installed over hose, chains, cables, or springs and may be secured with nylon cable ties or band clamps.

## GENERAL APPLICATIONS


As a hose cover, this sleeve provides outstanding personal injury protection to equipment operators by deflecting the spray of hot hydraulic fluids in the event of hose failure. The Sleeves extend hose life in severe abrasive environments and is an excellent product for holding two or more hoses in a single bundle. It protects painted finishes when used as a flexible cover for chains, cables, and springs.

# TEMPERATURE RANGE

Maximum ambient 250° F

# STANDARD LENGTH

Varies on sleeve size

NUMBER	DESCRIPTION	
43-5001	.77" ID	
43-5002	1" ID	
43-5003	1.14" ID	
43-5004	1.25" ID	
43-5005	1.59" ID	

Additional IDs available