

# Hydraulic Hose - Braided

*One-Wire Braid - Exceeds SAE 100R1AT ○ DIN 20022 1SN ○ EN 853 1SN*



**Application :** Petroleum Base Hydraulic Fluids and Lubricating Oils  
**Inner Tube :** Synthetic Rubber  
**Reinforcement :** One Steel Wire Braid  
**Cover :** Synthetic Rubber  
**Temperature Range :** -40°F to +212°F

Part Number	I.D.	O.D.	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (lbs/ft)	Hose End Series*
			PSI	BAR	PSI	BAR			
4-1SN	1/4"	.528"	3265	225	14,500	900	2.0"	.15	B, K
6-1SN	3/8"	.685"	2610	180	10,440	720	2.5"	.22	B, K, J
8-1SN	1/2"	.815"	2320	160	9280	640	3.5"	.27	B, K, J
10-1SN	5/8"	.941"	1890	130	7560	520	4.0"	.33	B, K, J
12-1SN	3/4"	1.094"	1525	105	6100	420	4.75"	.42	B, K, J
16-1SN	1"	1.449"	1275	88	5100	352	6.0"	.61	B, K, J
20-1SN	1 1/4"	1.764"	915	63	3660	252	16.5"	.91	B, K, J
24-1SN	1 1/2"	2.008"	725	50	2900	200	20.0"	1.00	B, K, J
32-1SN	2"	2.539"	580	40	2320	160	25.0"	1.50	B, K, J

*Two-Wire Braid - Exceeds SAE 100R2AT ○ DIN 20022 2SN ○ EN 853 2SN*



**Application :** Petroleum Base Hydraulic Fluids and Lubricating Oils  
**Inner Tube :** Synthetic Rubber  
**Reinforcement :** Two Steel Wire Braids  
**Cover :** Synthetic Rubber  
**Temperature Range :** -40°F to +212°F

Part Number	I.D.	O.D.	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (lbs/ft)	Hose End Series*
			PSI	BAR	PSI	BAR			
4-2SN	1/4"	.591"	5800	400	23,200	1600	2.0"	.25	B, K
6-2SN	3/8"	.748"	4800	330	19,200	1320	2.5"	.35	B, K, J
8-2SN	1/2"	.878"	4000	280	16,000	1120	3.5"	.41	B, K, J
10-2SN	5/8"	1.004"	3600	250	14,400	1000	4.0"	.50	B, K, J
12-2SN	3/4"	1.157"	3100	215	12,400	860	4.75"	.62	B, K, J
16-2SN	1"	1.500"	2400	165	9600	660	6.0"	.91	B, K, J
20-2SN	1 1/4"	1.854"	1800	125	7200	500	16.5"	1.37	B, K, J
24-2SN	1 1/2"	2.146"	1300	90	5200	360	20.0"	1.50	B, K, J
32-2SN	2"	2.646"	1150	80	4640	320	25.0"	1.92	B, K, J

\* hose is compatible with most manufacturers' hose ends of like series. Please contact the factory with any compatibility questions.

# Hydraulic Hose - Braided

## Wire Braid - Exceeds SAE 100R17



**Application** : Petroleum Base Hydraulic Fluids and Lubricating Oils  
**Inner Tube** : Synthetic Rubber  
**Reinforcement** : One or Two Steel Wire Braids, depending on size  
**Cover** : Synthetic Rubber  
**Temperature Range** : -40°F to +212°F

Part Number	I.D.	O.D.	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (lbs/ft)	Hose End Series*
			PSI	BAR	PSI	BAR			
4-R17	1/4"	.480"	3000	210	12,000	840	2.0"	.16	B, K
6-R17	3/8"	.622"	3000	210	12,000	840	2.5"	.23	B, K, J
8-R17	1/2"	.791"	3000	210	12,000	840	3.5"	.35	B, K, J
10-R17	5/8"	.941"	3000	210	12,000	840	4.1"	.44	B, K, J
12-R17	3/4"	1.091"	3000	210	12,000	840	4.9"	.58	B, K, J
16-R17	1"	1.480"	3000	210	12,000	840	5.9"	.79	B, K, J

## Two-Wire Braid - Exceeds SAE 100R16 ◦ DIN 20022 2SC ◦ EN 853 2SC



**Application** : Petroleum Base Hydraulic Fluids and Lubricating Oils  
**Inner Tube** : Synthetic Rubber  
**Reinforcement** : Two Steel Wire Braids  
**Cover** : Synthetic Rubber  
**Temperature Range** : -40°F to +212°F

Part Number	I.D.	O.D.	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (lbs/ft)	Hose End Series*
			PSI	BAR	PSI	BAR			
4-2SC	1/4"	.535"	5800	400	23200	1600	2.95"	.19	B, K
6-2SC	3/8"	.685"	4785	330	19140	1320	3.54"	.26	B, K, J
8-2SC	1/2"	.823"	3990	275	15960	1100	5.11"	.39	B, K, J
10-2SC	5/8"	.945"	3625	250	14500	1000	6.69"	.44	B, K, J
12-2SC	3/4"	1.091"	3120	215	12480	860	7.36"	.52	B, K, J
16-2SC	1"	1.402"	2395	165	9580	660	9.83"	.77	B, K, J

\* hose is compatible with most manufacturers' hose ends of like series. Please contact the factory with any compatibility questions.

# Hydraulic Hose - Braided

## Two-Wire Braid SUPER PRESSURE - Exceeds DIN 20022 2SN



**Application** : Petroleum Base Hydraulic Fluids and Lubricating Oils  
**Inner Tube** : Synthetic Rubber  
**Reinforcement** : One or Two Steel Wire Braids, depending on size  
**Cover** : Synthetic Rubber  
**Temperature Range** : -40°F to +212°F

Part Number	I.D.	O.D.	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (lbs/ft)	Hose End Series*
			PSI	BAR	PSI	BAR			
8-SPX	1/2"	.791"	5000	345	20,000	1380	5.9"	.41	B, K, J

## Static Pressure "Super Jack" Hose



**Application** : Petroleum Base Hydraulic Fluids and Lubricating Oils  
**Inner Tube** : Synthetic Rubber  
**Reinforcement** : Two Steel Wire Braids  
**Cover** : Synthetic Rubber  
**Temperature Range** : -40°F to +212°F

Part Number	I.D.	O.D.	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (lbs/ft)	Hose End Series*
			PSI	BAR	PSI	BAR			
4-J10M	1/4"	.535"	10,000	1450	20,000	2900	4.0"	.25	B, K
6-J10M	3/8"	.685"	10,000	1450	20,000	2900	5.0"	.33	B, K, J

\* hose is compatible with most manufacturers' hose ends of like series. Please contact the factory with any compatibility questions.

# Hydraulic Hose - Spiral

## Four Spiral - Exceeds SAE 100R12



**Application :** Petroleum Base Hydraulic Fluids and Lubricating Oils

**Inner Tube :** Synthetic Rubber

**Reinforcement :** Four Steel Wire Spiral

**Cover :** Synthetic Rubber

**Temperature Range :** -40°F to +212°F

Part Number	I.D.	O.D.	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (lbs/ft)	Hose End Series*
			PSI	BAR	PSI	BAR			
6-R12	3/8"	.787"	4000	276	16,000	1103	2.5"	.40	J
8-R12	1/2"	.945"	4000	276	16,000	1103	3.5"	.62	J
12-R12	3/4"	1.220"	4000	276	16,000	1103	4.7"	.94	J
16-R12	1"	1.496"	4000	276	16,000	1103	6.0"	1.34	J
20-R12	1 1/4"	1.811"	3000	207	12,000	828	8.2"	1.74	J
24-R12	1 1/2"	2.087"	2500	172	10,000	690	10.0"	2.01	J
32-R12	2"	2.598"	2500	172	10,000	690	12.5"	2.75	J

## Multi-Spiral - Exceeds SAE100R13



**Application :** Petroleum Base Hydraulic Fluids and Lubricating Oils

**Inner Tube :** Synthetic Rubber

**Reinforcement :** Four Steel Wire Spiral through 1" / Six Spiral through 1"

**Cover :** Synthetic Rubber

**Temperature Range :** -40°F to +212°F

Part Number	I.D.	O.D.	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (lbs/ft)	Hose End Series*
			PSI	BAR	PSI	BAR			
12-R13	3/4"	1.256"	5000	345	20,000	1380	9.5"	.99	J
16-R13	1"	1.516"	5000	345	20,000	1380	12.0"	1.33	J
20-R13	1 1/4"	1.953"	5000	345	20,000	1380	16.5"	2.51	H
24-R13	1 1/2"	2.248"	5000	345	20,000	1380	20.0"	3.16	H
32-R13	2"	2.791"	5000	345	20,000	1380	25.0"	4.51	H

\* hose is compatible with most manufacturers' hose ends of like series. Please contact the factory with any compatibility questions.

# Hydraulic Hose - Spiral

## Multi-Spiral - Exceeds SAE 100R15



**Application :** Petroleum Base Hydraulic Fluids and Lubricating Oils

**Inner Tube :** Synthetic Rubber

**Reinforcement :** Four Steel Wire Spiral Through 1" / Six Spiral Above 1"

**Cover :** Synthetic Rubber

**Temperature Range :** -40°F to +212°F

Part Number	I.D.	O.D.	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (lbs/ft)	Hose End Series*
			PSI	BAR	PSI	BAR			
8-R15	1/2"	.984"	6000	415	24,000	1656	9.0"	.62	J
12-R15	3/4"	1.260"	6000	415	24,000	1656	10.5"	1.03	J
16-R15	1"	1.516"	6000	415	24,000	1656	13.0"	1.40	J
20-R15	1 1/4"	1.953"	6000	415	24,000	1656	17.5"	2.52	H
24-R15	1 1/2"	2.248"	6000	415	24,000	1656	21.0"	3.32	H

## Four Spiral - Exceeds EN 856 4SP



**Application :** Petroleum Base Hydraulic Fluids and Lubricating Oils

**Inner Tube :** Synthetic Rubber

**Reinforcement :** Four Steel Wire Spiral

**Cover :** Synthetic Rubber

**Temperature Range :** -40°F to +212°F

Part Number	I.D.	O.D.	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (lbs/ft)	Hose End Series*
			PSI	BAR	PSI	BAR			
6-4SP	3/8"	.827"	6500	450	26,000	1800	7.0"	.47	J
8-4SP	1/2"	.984"	6000	415	24,000	1660	9.0"	.62	J
10-4SP	5/8"	1.102"	5000	350	20,000	1400	10.0"	.71	J
12-4SP	3/4"	1.260"	5000	350	20,000	1400	11.8"	.97	J
16-4SP	1"	1.555"	4000	275	16,000	1100	13.3"	1.26	J

\* hose is compatible with most manufacturers' hose ends of like series. Please contact the factory with any compatibility questions.

# Hydraulic Hose - Spiral

*Multi Spiral - Exceeds EN 856 4SH*



**Application :** Petroleum Base Hydraulic Fluids and Lubricating Oils

**Inner Tube :** Synthetic Rubber

**Reinforcement :** Four or Six Steel Wire Spirals Depending on Size

**Cover :** Synthetic Rubber

**Temperature Range :** -40°F to +212°F

Part Number	I.D.	O.D.	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius	Weight (lbs/ft)	Hose End Series*
			PSI	BAR	PSI	BAR			
<b>12-4SH</b>	3/4"	1.260"	6000	420	24,000	1680	11.0"	1.01	J
<b>16-4SH</b>	1"	1.535"	5500	380	22,000	1520	13.5"	1.34	J
<b>20-4SH</b>	1¼"	1.772"	5000	325	20,000	1300	18.0"	1.61	J
<b>24-4SH</b>	1½"	2.087"	4200	290	17,600	1160	22.0"	2.06	J
<b>32-4SH</b>	2"	2.677"	3600	250	14,400	1000	27.0"	3.05	J

*\* hose is compatible with most manufacturers' hose ends of like series. Please contact the factory with any compatibility questions.*