

HOSE SIZE				Working Pressure		Min. Bend Radius	
I.D.		O.D.		Psi	KG/CM ²	INCHES	MM
IN.	MM	IN.	MM				
3/16	4.8	1/2	12.7	3000	211	3.1/2	89
1/4	6.4	19/32	15.1	2750	193	4	102
5/16	7.9	11/16	17.5	2500	175	4.1/2	114
3/8	9.5	25/32	19.8	2250	158	5	127
1/2	12.7	29/32	23.0	2000	140	7	178
5/8	15.9	1.1/32	26.2	1500	105	8	203
3/4	19.0	1.3/16	30.1	1250	87	9.1/2	241
1	25.4	1.1/2	38.1	1000	70	12	305
1.1/4	31.8	1.13/16	46.0	625	44	16.1/2	419
1.1/2	38.1	2.1/16	52.4	500	35	20	508
2	50.8	2.5/8	66.7	375	26	25	635

R-1 SINGLE WIRE BRAID

Eqvt. SAE100 R1 & DIN 20022

APPLICATION :

Medium/High pressure hydraulic oil lines, fuel oil, gasoline, water.

CONSTRUCTION:

Tube : Black, oil-resistant synthetic rubber.

Reinforcement: One-ply braided high tensile steel wire.

Cover: Oil weather & abrasion-resistant synthetic rubber.

TEMPERATURE RANGE:

-40°F to +200°F,
-40°C to +93°C
Occasional use up to 120°C

(Max. Length 18 mtrs)



R-2 DOUBLE WIRE BRAID

Eqvt. SAE100 R2 & DIN 20022

APPLICATION :

High pressure hydraulic oil lines, fuel oil, gasoline water.

CONSTRUCTION:

Tube : Black, oil-resistant synthetic rubber.

Reinforcement: Two-ply braided high tensile steel wire.

Cover: Oil, weather & abrasion-resistant synthetic rubber.

TEMPERATURE RANGE:

-40°F to +200°F,
-40°C to +93°C
Occasional use up to 120°C

(Max. Length 18 mtrs)

HOSE SIZE				Working Pressure		Min. Bend Radius	
I.D.		O.D.		Psi	KG/CM ²	INCHES	MM
IN.	MM	IN.	MM				
3/16	4.8	5/8	15.9	5000	352	3.1/2	89
1/4	6.4	11/16	17.5	5000	352	4	102
5/16	7.9	3/4	19.0	4250	299	4.1/2	114
3/8	9.5	27/32	21.4	4000	281	5	127
1/2	12.7	31/32	24.6	3500	246	7	178
5/8	15.9	1.3/32	27.8	2750	193	8	203
3/4	19.0	1.1/4	31.8	2250	158	9.1/2	241
7/8	22.2	1.3/8	34.9	2000	140	11	279
1	25.4	1.9/16	39.7	2000	140	12	305
1.1/4	31.8	2	50.8	1625	114	16.1/2	419
1.1/2	38.1	2.1/4	57.2	1250	87	20	508
2	50.8	2.3/4	69.8	1125	79	25	635

HOSE SIZE				Working Pressure		Min. Bend Radius	
I.D.		O.D.		Psi	KG/CM ²	INCHES	MM
IN.	MM	IN.	MM				
3/16	4.8	1/2	12.7	150	10.5	3.1/2	89
1/4	6.4	19/32	15.1	150	10.5	4	102
5/16	7.9	11/16	17.5	150	10.5	4.1/2	114
3/8	9.5	25/32	19.8	150	10.5	5	127
1/2	12.7	29/32	23.0	150	10.5	7	178
5/8	15.9	1.1/32	26.2	150	10.5	8	203
3/4	19.0	1.3/16	30.1	150	10.5	9.1/2	241
7/8	22.2	1.5/16	35.4	150	10.5	11	279
1	25.4	1.1/2	38.1	150	10.5	15	381
1.1/4	31.8	1.13/16	46.0	150	10.5	16.1/2	419
1.1/2	38.1	2.1/16	52.2	150	10.5	20	508
2	50.8	2.5/8	66.7	150	10.5	25	635

R7-1 SINGLE WIRE BRAID

High Pressure Steam Eqvt. SAE 100

APPLICATION :

For usage on hi-temperature fluids and steam.

CONSTRUCTION :

Tube : Seamless synthetic heat resistant rubber

Reinforcement : One-ply H.T.S. braided wire.

Cover : Oil, weather and abrasion-resistant synthetic black rubber.

TEMPERATURE RANGE:

Upto +350°F. for pressure 150lbs. psi. of steam.

(Max. Length 18 mtrs)



HOSE SIZE				Working Pressure		Min. Bend Radius	
I.D.		O.D.		Psi	KG/CM ²	INCHES	MM
IN.	MM	IN.	MM				
3/16	4.8	1/2	12.7	1500	105	3	76
1/4	6.4	9/16	14.3	1250	88	3	76
5/16	7.9	11/16	17.5	1200	84	4	102
3/8	9.5	3/4	19.0	1125	79	4	102
1/2	12.7	15/16	23.8	1000	70	5	127
5/8	15.9	1.1/8	28.7	875	61	5.1/2	140
3/4	19.0	1.1/4	31.9	750	53	6	152
1	25.4	1.1/2	38.1	565	40	8	203
1.1/4	31.8	1.3/4	44.5	375	26.5	10	254
1.1/2	38.1	2	50.8	250	17.6	12	305

R-3 DOUBLE RAYON BRAID

(Equivalent to SAE-100R-3)

APPLICATION :
Hydraulic oil, fuel oil, anti-freeze solutions and water.

CONSTRUCTION :
Tube : Synthetic rubber.
Reinforcement : Two braids high tenacity rayon
Cover : Oil and abrasion resistant synthetic rubber.

TEMPERATURE RANGE
-40°F to +200°F,
-40°C to +93°C
Occasional use up to 120°C
(Max. length 30 mts)



R-6 SINGLE RAYON BRAID

(Equivalent to SAE-100R-6)

APPLICATION :
Hydraulic oil lines, fuel oil, anti-freeze solutions and water.

CONSTRUCTION :
Tube : Specially compounded synthetic rubber.
Reinforcement : Single braid tenacity rayon.
Cover : Oil and abrasion-resistant synthetic rubber.

TEMPERATURE RANGE
-40°F to +200°F,
-40°C to +93°C
Occasional use up to 120°C
(Max. Length 30 mtrs)



HOSE SIZE				Working Pressure		Min. Bend Radius	
I.D.		O.D.		Psi	KG/CM ²	INCHES	MM
IN.	MM	IN.	MM				
3/16	4.8	7/16	11.1	500	35	2	51
1/4	6.4	1/2	12.7	400	28	2.1/2	64
5/16	7.9	9/16	14.3	400	28	3	76
3/8	9.5	5/8	15.9	400	28	3	76
1/2	12.7	25/32	19.8	400	28	4	102
5/8	15.9	29/32	23.0	350	25	5	127
7/8	22.2	1.1/16	27.0	300	21	6	152

R7-2 DOUBLE WIRE BRAID

High Pressure Steam Eqvt. SAE 100

APPLICATION:
For usage on Hi-temperature fluids and steam.
Tube : Seamless synthetic heat resistant rubber.
Reinforcement: Two-ply H.T.S. braided wire
Cover : Oil, weather and abrasion-resistant synthetic black rubber,

TEMPERATURE RANGE :
Upto +350°F. for pressure 200 lbs. psi. of steam.
(Max. Length 18 mtrs)



HOSE SIZE				Working Pressure		Min. Bend Radius	
I.D.		O.D.		Psi	KG/CM ²	INCHES	MM
IN.	MM	IN.	MM				
3/8	9.5	27.32	21.4	200	14	5	127
1/2	12.7	31.32	24.6	200	14	7	178
5/8	15.9	1.3/32	27.8	200	14	8	203
3/4	19.0	1.1/4	31.8	200	14	9.1/2	241
7/8	22.2	1.3/8	34.9	200	14	11	279
1	25.4	1.9/16	39.7	200	14	15	381
1.1/4	31.8	2	50.8	200	14	16.1/2	419
1.1/2	38.1	2.1/4	57.2	200	14	20	508
2	50.8	2.3/4	69.8	200	14	25	635



Construction:
tube: seamless synthetic rubber
reinforcement: 4 spirals of high tensile steel wire
cover: synthetic rubber weather, oil and abrasion resistant.
Lengths: random

Water Blast 4 Spiral

inside Diameter		over cover Diameter		Max. working Pressure		min. burst Pressure		minimum bend. Radius		average Weight
inch	mm	inch	mm	PSI	BAR	PSI	BAR	inch	mm	Kg/100ml
1/2	12.7	1.141	29.0	14,600	1,000	36,500	2,500	8.00	203	136

