



PREMIER RUBBER INDUSTRIES



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PREMIER
RUBBER
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Flexible Hoses, Fitting & Assemblies



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PREMIER RUBBER INDUSTRIES



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PREMIER RUBBER INDUSTRIES



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Vision

To become a world Class Leader in manufacturing of “ Fuel & Hoses, Windscreen Rubber, hydraulic high pressure hose Assembly & Fuel injection pipes” for all types of Industries.

Mission

To Continually Upgrade, Update & modernize to face the Challenges of Changes in Technical, Scientific & Managerial fields.





PREMIER RUBBER INDUSTRIES



HYDRAULIC HOSE Single Wire Braid



SAE 100 R1 'A' Hi-Impulse/EN853 DIN 20 002 Part 3 (1SN) and SAE 100 R1 'A' Hi-Impulse DIN 20 022 Part 1 (1ST)

Construction : Oil resistant synthetic rubber inner tube, single wire braid reinforcement and an oil and weather resistant synthetic rubber outer cover
Application : For hydraulics, air, gasoline crude, fuel and lubricating oils
Max. Operating Temp. Range : -40oC to +100oC (-40oF to 212oF)
Intermittent temp. up to +120oC

Fittings : Standard swage type
The company reserves the right to supply in A-type or AT-type depending on the

PR Ref. No.	Hose I.D. mm Inch	Hose O.D. mm Inch Type 'AT'	Hose O.D. mm Inch Type 'A'	Maximum Working Pressure Bar PSI	Minimum Burst Pressure Bar PSI	Minimum Bend Radius mm Inch	Vacuum in Bar
01-3	4.8 0.188	12.7 0.500	12.7 0.500	250 3625	1000 14500	88.9 3.50	-0.948
01-4	6.4 0.250	13.4 0.527	15.9 0.625	225 3263	900 13050	100 3.94	-0.948
01-5	7.9 0.312	15.0 0.500	17.5 0.689	225 3263	900 13050	115 4.53	-0.948
01-6	9.5 0.375	17.4 0.685	19.8 0.780	210 3045	840 12180	127 5.00	-0.948
01-8	12.7 0.500	20.6 0.811	23.0 0.906	175 2538	700 10150	178 7.00	-0.948
01-10	15.9 0.625	23.7 0.933	26.2 1.031	140 2030	560 8120	200 7.88	-0.948
01-12	19.1 0.750	27.7 1.090	30.2 1.189	125 1813	500 7250	240 9.45	-0.948
01-16	25.4 1.000	35.6 1.401	38.1 1.500	90 1305	360 5220	300.0 11.62	-0.948
01-20	31.8 1.250	43.5 1.712	46.0 1.811	65 943	260 3770	420.0 16.54	-0.948
01-24	38.1 1.500	50.6 1.992	52.4 2.063	50 725	200 290	500.0 19.70	-0.948
01-32	50.8 2.000	64.0 2.519	66.7 2.626	40 580	160 2320	635.0 25.00	-0.948

Delivering Excellence



PREMIER RUBBER INDUSTRIES



HYDRAULIC HOSE Double Wire Braid



SAE 100 R2 'AT' Hi-Impulse/EN853 DIN 20 002 Part 4 (2SN) and SAE 100 R2 'A' Hi-Impulse DIN 20 022 Part 2 (2ST)

Construction : Oil resistant synthetic rubber inner tube, double wire braid reinforcement and an oil and weather resistant synthetic rubber outer cover.

Application : For high pressure hydraulics subjected to high surge peaks.

Max. Operating Temp. Range : -40oC to +100oC (-40oF to 212oF)

Intermittent temp. up to +120oC

Fittings : Standard swage type, Reusable Fittings available on request.

The company reserves the right to supply in A-type or AT-type depending on the availability.

PR Ref. No.	Hose I.D. mm Inch	Hose O.D. mm Inch Type 'AT'	Hose O.D. mm Inch Type 'A'	Maximum Working Pressure Bar PSI	Minimum Burst Pressure Bar PSI	Minimum Bend Radius mm Inch	Vacuum in Bar
02-3	4.8 0.188	14.1 0.555	15.9 0.625	415 6019	1660 24070	88.9 3.50	-0.948
02-4	6.4 0.250	15.0 0.590	17.5 0.689	400 5800	1600 23200	100.0 3.94	-0.948
02-5	7.9 0.312	16.6 0.653	19.1 0.750	350 5075	1400 20300	115.0 4.53	-0.948
02-6	9.5 0.375	19.0 0.748	21.4 0.842	345 5003	1380 20010	127.0 5.00	-0.948
02-8	12.7 0.500	22.2 0.874	24.6 0.969	295 4278	1180 17110	178.0 7.00	-0.948
02-10	15.9 0.625	25.4 1.000	27.8 1.094	250 3625	1000 14500	200.0 7.88	-0.948
02-12	19.1 0.750	29.3 1.153	31.8 1.250	215 3118	860 12470	240.0 9.45	-0.948
02-16	25.4 1.000	38.1 1.500	39.7 1.563	1752 2538	700 10150	300.0 11.62	-0.948
02-20	31.8 1.250	48.3 1.901	50.8 2.000	155 2248	620 8990	420.0 16.54	-0.948
02-24	38.1 1.500	54.6 2.149	57.2 2.252	125 1813	500 7250	500.0 19.70	-0.948
02-32	50.8 2.000	67.3 2.650	69.8 2.748	90 1305	360 5220	635.0 25.00	-0.948

Delivering Excellence



**HYDRAULIC HOSE
Double Textile Braid**



SAE 100 R3

Construction : Oil resistant synthetic rubber inner tube, double textile braid

reinforcement and an oil and weather resistant synthetic rubber outer cover.

Application : For hydraulic, gasoline, crude, fuel and lubricating oils.

Max. Operating Temp. Range : Suitable for many applications between -40oC and +93oC (-40oF and +200oF)

Fittings : Standard swage type

PR Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Minimum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
03-3	4.8 0.188	12.7 0.500	104 1500	414 6000	76.2 3.00
03-4	6.4 0.25	14.3 0.563	87 1250	345 5000	76.2 3.00
03-5	7.9 0.312	17.5 0.687	83 1200	332 4800	101.6 4.00
03-6	9.5 0.375	19.1 0.750	78 1125	311 4500	101.6 4.00
03-8	12.7 0.500	23.8 0.937	69 1000	276 4000	127.0 5.00
03-10	15.9 0.625	27.0 1.063	61 875	242 3500	139.7 5.50
03-12	19.1 0.750	31.8 1.250	52 750	207 3000	152.4 6.00
0.3-16	25.4 1.000	38.1 1.500	39 565	156 2250	203.2 8.00
03-20	31.8 1.250	44.4 1.750	26 375	104 1500	254.0 10.00
03-24	38.1 1.500	50.8 2.000	17 250	69 1000	306.0 12.00
03-32	50.8 2.000	64.0 2.520	15 215	60 860	410.0 16.10



HYDRAULIC HOSE
Single Textile Braid



SAE 100 R6

Construction : Oil resistant synthetic rubber inner tube, single textile braid reinforcement and an oil and weather resistant synthetic rubber outer cover.

Application : For hydraulic, gasoline, crude, fuel and lubricating oils.

Temperature Range : Suitable for many applications between -40oC and +93oC (-40oF and +200oF)

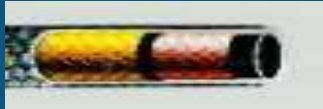
Fittings : Standard socket less type

S.S Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Minimum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
06-3	4.8 0.188	11.1 0.437	28 400	111 1600	76.2 3.00
06-4	6.4 0.250	12.7 0.500	28 400	111 1600	63.5 2.50
06-5	7.9 0.312	14.3 0.563	28 400	111 1600	76.2 3.00
06-6	9.5 0.375	15.9 0.625	28 400	111 1600	76.2 3.00
06-8	12.7 0.500	19.8 0.781	28 400	111 1600	101.6 4.00
06-10	15.9 0.625	23.0 0.906	25 350	97 1400	127.0 5.00
06-16	19.1 0.750	26.6 1.046	21 300	83 1200	152.4 6.00
06-16	25.4 1.000	32.5 1.279	15 210	60 840	177 7.00

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HYDRAULIC HOSE



SAE 100 R5

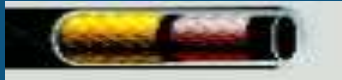
Construction : Oil resistant synthetic rubber inner tube, two textile braids separated by a high tensile steel wire braid. All braids are to be impregnated with an oil and mildew resistant synthetic rubber compound.
Application : For hydraulics, air, gasoline, crude, fuel and lubricating oils.

Temperature Range :
Suitable between -40°C and +100°C (-40°F and +212°F)
Intermittent use up to +120°C (+250°F)
Fittings : Standard re-usable type.

S.S. Ref. No.	Hose I.D. mm Inch	Hose O.D. mm Inch	Maximum Working Pressure Barr PSI	Maximum Burst Pressure Bar PSI	Average Burst Pressure Bar PSI	Minimum Bend Radius Bar Inch	Vacuum in Bar
05-4	4.8 0.188	13.2 0.519	210 3045	840 12180	900 13050	76.2 3.00	-0.948
05-5	6.4 0.250	14.8 0.581	210 3045	840 12180	900 13050	85.7 3.37	-0.948
05-6	7.9 0.312	17.2 0.676	160 2320	630 9135	700 10150	101.6 4.00	-0.948
05-8	10.3 0.406	19.4 0.766	140 2030	560 8120	650 9425	117.5 4.62	-0.948
05-10	12.7 0.500	23.4 0.922	125 1812	490 7105	520 7540	139.7 5.50	-0.948
05-12	15.9 0.625	27.4 1.078	105 1522	420 6090	480 6960	165.1 6.50	-0.948
05-16	22.2 0.875	31.4 1.234	56 812	225 3262	290 4205	187.3 7.37	-0.677
05-20	28.6 1.125	38.1 1.500	45 652	175 2537	250 3625	228.6 9.00	-0.677
05-24	34.9 1.375	44.4 1.750	35 507	140 2030	155 2247	266.7 10.50	-0.508
05-32	46.0 1.812	56.4 2.319	25 362	100 1450	150 2175	336.5 13.25	-0.373



HYDRAULIC HOSE



SAE 100 R5 R

Construction :

Synthetic rubber tube, textile inner braid, single wire braid reinforcement and synthetic rubber cover.

Application : Hydraulics, gasoline, crude, fuel & lubrication oils, air and water. Temperature Range : Suitable between -40°C and +100°C (-40°F and +212°F)

Intermittent use up to +120°C (+250°F) Fittings : Standard swage type.

*SAE 100 R5R is modification of SAE 100 R5

S.S. Ref. No.	Hose I.D. mm Inch	Hose O.D. mm Inch	Maximum Working Pressure Barr PSI	Maximum Burst Pressure Bar PSI	Average Burst Pressure Bar PSI	Minimum Bend Radius Bar Inch	Vacuum in Bar
05R-4	4.8 0.188	13.2 0.519	210 3045	840 12180	900 13050	76.2 3.00	-0.948
05R-5	6.4 0.250	14.8 0.581	210 3045	840 12180	900 13050	85.7 3.37	-0.948
05R-6	7.9 0.312	17.2 0.676	160 2320	630 9135	700 10150	101.6 4.00	-0.948
05R-8	10.3 0.406	19.4 0.766	140 2030	560 8120	650 9425	117.5 4.63	-0.948
05R-10	12.7 0.500	23.4 0.922	125 1812	490 7105	520 7540	139.7 5.50	-0.948
05R-12	15.9 0.625	27.4 1.078	105 1522	420 6090	480 6960	165.1 6.50	-0.948
05R-16	22.2 0.875	31.4 1.234	56 812	225 3262	290 4205	187.3 7.37	-0.677
05R-20	28.6 1.125	38.1 1.500	45 652	175 2537	250 3625	228.6 9.00	-0.677
05R-24	34.9 1.375	44.4 1.750	35 507	140 2030	155 2247	266.7 10.50	-0.508
05R-32	46.0 1.812	56.4 2.319	25 362	100 1450	150 2175	336.5 13.25	-0.373



HYDRAULIC HOSE SAE 100 R4

Construction : Oil resistant synthetic rubber inner tube



reinforcement layers and an oil and weather resistant synthetic rubber outer cover.

Application : For use in low pressure and vacuum application with petroleum and water base hydraulic fluids
Temperature Range : Suitable between -400 C and +930 C (-400 F and +2000F)

PR Ref. No.	Hose I.D MM Inch	Hose O.D MM Inch	Maximum Working Pressure Bar PSI	Minimum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch	Vacuum in Bar
04-12	19.1 0.750	34.9 1.375	21 300	84 1200	127.0 5.00	-0.948
04-16	25.4 1.000	41.3 1.625	18 250	70 1000	152.4 6.00	-0.948
04-20	31.8 1.250	50.8 2.000	14 200	56 800	203.2 8.00	-0.948
04-24	38.1 1.500	57.1 2.250	11 150	42 600	254.0 10.00	-0.948
04-32	50.8 2.000	69.8 2.750	7 100	28 400	304.8 12.00	-0.948
04-40	63.5 2.500	82.0 3.228	5 70	20 280	356.0 14.00	-0.948

Delivering Excellence



Super Armour Hose



Construction : Oil resistant synthetic rubber tube textile inner braid, single high tensile steel wire braid reinforcement and a cover with composite Bi-layer Polymeric material.

Application :

Designed for application where outstanding abrasion resistant of outer cover is required and alternative to spring guards
Temperature Range :-
 40oC and +120oC (-40oF and +248oF)

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
5RA-4	4.8 0.188	13.2 0.520	210 3045	840 12180	75 3.00
5RA-5	6.4 0.250	14.8 0.583	210 3045	840 12180	85 3.40
5RA-6	7.9 0.312	17.2 0.677	160 2320	630 9135	100 4.00
5RA-8	10.3 0.406	19.4 0.764	140 2030	560 8120	117.5 4.60
5RA-10	12.7 0.500	23.4 0.921	125 1812	490 7105	140 5.50
5RA-12	15.9 0.625	27.4 1.079	105 1522	420 6090	165 6.50
5RA-16	22.2 0.875	31.4 1.236	56 812	225 3262	190 7.40
5RA-20	28.6 1.125	38.1 1.500	45 652	175 2537	230.0 9.00
5RA-24	34.9 1.375	44.4 1.748	35 507	140 2030	265.0 10.50
5RA-32	46.0 1.812	56.4 2.220	25 362	100 1450	335.0 13.20



Super Impulse Hose



Construction : Synthetic rubber tube, double wire braid reinforcement and synthetic rubber cover.

Application : Particularly recommended for hydraulic systems subjected to high surge peaks and severe operating conditions

Temp. Range : -40°C to +100°C (-40°F and +212°F)

Intermittent use up to +120oC (+250oF)

Fittings : Standard swage type

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
09-6	9.5 0.375	21.1 0.831	350 5075	1400 20300	127.0 5.00
09-8	12.7 0.500	24.3 0.956	345 5000	1380 20000	178.0 7.00
09-10	15.9 0.625	28.57 1.125	293 4250	1172 17000	203.2 8.00
09-12	19.1 0.750	31.9 1.255	259 3750	1034 15000	241.0 9.50
09-16	25.4 1.000	40.5 1.594	207 3000	828 12000	205.0 12.00



Super Extra Flex Hose



Construction : Oil resistant synthetic rubber inner tube, double special high tensile wire braid reinforcement and synthetic rubber outer cover with resistant to ozone, abrasion and weather.

Application : Designed for critical application areas of hydraulic systems with petroleum and water glycol base fluids, lubricating oils, air & water.

Temperature Range : -40oC to +120oC (-40oF to +248oF)
Specification : Exceeds DIN 20022

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
SEF-12	19.1	30.1	275	1100	150.0
SEF-16	25.4	38.1	250	1000	200.0

Delivering Excellence



**PR681 DIN 20022
EXCEEDS SAE 100
R1/SAE 100R16**



Construction : Synthetic rubber tube single wire braid reinforcement synthetic rubber cover.

Application : Hydraulic systems with petroleum and water-glycol base fluids, for fuel and lubricating oils, air and water.

Max. Operating Temp. Range : -40oC to +120oC (-40oF to +248oF)

Fittings : Standard swage type.

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
PR-681-4	6.4 0.250	12.5 0.490	225 3263	900 13050	50.8 2.00
PR-681-5	7.9 0.312	13.5 0.530	215 3118	860 12470	57.2 2.25
PR-681-6	9.5 0.375	15.5 0.610	180 2610	720 10440	63.5 2.50
PR-681-8	12.7 0.500	18.5 0.730	160 2320	640 9280	88.9 3.50
PR-681-12	19.1 0.750	25.7 1.010	105 1523	420 6090	120.7 4.75
PR-681-16	25.4 1.000	33.8 1.330	88 1276	352 5104	152.4 6.00

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PR781 DIN 20022 EXCEEDS SAE 100 R1/SAE 100R16



Construction : Synthetic rubber tube Double wire braid reinforcement synthetic rubber cover. (Meets or exceeds DIN requirements at 1/2 SAE Bend Radius)

Application : Hydraulic system service with petroleum and water base fluids, for general industrial service

Max. Operating Temp. Range : -40oC) Fittings : Standard swage type.
to +120oC (-40oF to +248oF

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
PR-781-4	6.4 0.250	13.5 0.530	397 5750	1586 23000	50.8 2.00
PR-681-5	7.9 0.312	14.7 0.580	350 5075	1400 20300	57.2 2.25
PR-681-6	9.5 0.375	17.5 0.690	345 5000	1379 20000	63.5 2.50
PR-681-8	12.7 0.500	20.6 0.810	293 4250	1172 17000	88.9 3.50
PR-681-10	15.9 0.625	23.6 0.930	250 3625	1000 14500	101.6 4.00
PR-681-12	19.1 0.750	27.9 1.100	215 3125	862 12500	120.7 4.75
PR-681-16	25.4 1.000	36.1 1.420	172 1276	690 10000	152.4 6.00

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Automotive A.C Hose SAE J 2064 TYPE A (Single Braid)



Construction : Highly impermeable synthetic rubber tube, single high tensile synthetic yarns braid reinforcement and perforated outer cover with heat and ozone resistant synthetic elastomer.

Application : Designed for application using refrigerant 134a only. Temperature Range : -40o C to +125o C (-40o F to +257o F)

Specification :
Meets or exceeds SAE J 2064 ,
TYPE A

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
S2064A-6	8.1 0.320	17.8 0.70	37 537	147 2132	100.0 4.0
S2064A-8	10.6 0.420	22.2 0.87	37 537	147 2132	115.0 4.5
S2064A-10	13.0 0.510	24.3 0.96	37 537	147 2132	130.0 5.0
S2064A-12	14.5 0.570	23.4 0.92	37 537	147 2132	150.0 6.0
S2064A-16	16.1 0.640	27.0 1.060	37 537	147 2132	150.0 6.0

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Automotive A.C Hose SAE J 2064 TYPE A (Double Braid)



Construction : Highly impermeable synthetic rubber tube, double high tensile synthetic yarns braid reinforcement and perforated outer cover with heat and ozone resistant synthetic elastomer.

Application : Designed for application using refrigerant 134 a only. Temperature Range: -40° C to +125°C (-40° F to +257° F)

Specification : Meets or exceeds SAE J 2064 , TYPE A

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
D2064A-6	8.1 0.320	19.1 0.750	37 537	147 2132	100.0 4.0
D2064A-8	10.6 0.420	23.0 0.910	37 537	147 2132	115.0 4.5
D2064A-10	13.0 0.510	25.4 1.000	37 537	147 2132	130.0 5.0
D2064A-11	11.1 0.440	23.0 0.910	37 537	147 2132	140.0 5.5

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REFRIGERATION / AIR-CONDITIONING HOSE



SAE J 2064 Type B

***Construction :** Highly impermeable synthetic rubber tube, single wire braid reinforcement and heat resistant rubber cover.

Application : Designed for application using refrigerant 134a only. -40° C to +125° C (-40° F to +257° F)

Specification : Meets or exceeds SAE J 2064 , TYPE B

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
2064B-6	7.9 0.31	17.0 0.67	34.5 500	138 2000	100.0 4.00
2064B-8	10.3 0.41	19.1 0.75	34.5 500	138 2000	120.0 4.70
2064B-10	12.7 0.50	23.4 0.92	34.5 500	138 2000	120.0 5.50
2064B-12	15.9 0.63	26.9 1.06	34.5 500	138 2000	150.0 6.50
2064B-16	22.2 0.88	31.5 1.24	34.5 500	138 2000	190.0 7.50
2064B-20	28.6 1.12	38.4 1.51	34.5 500	138 2000	230.0 9.00
2064B-24	34.9 1.38	44.5 1.75	34.5 500	138 2000	265.0 10.50

Delivering Excellence



EXTRA HIGH PRESSURE HOSE



Construction : A three braid extra high pressure hose which provides working pressure greater than an equivalent diameter of R9R, R12 or 4SP DIN Specification Spiral Hose.

Application : An alternative to multi spiral hydraulic hose where a relatively flexible and robust high pressure hose is required.

Temperature Range : Suitable for use with petroleum and water based hydraulic fluids within the temperature range - 40°C to +100°C, Intermittent use up to +125°C

P.R Ref. No.	Nominal Bore Diameter MM Inch	Maximum Diameter Over Wire MM Inch	Maximum Diameter Over Cover MM Inch	Maximum Working Pressure Bar PSI	Minimum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
P.R 33-8	12.7 0.500	21.4 0.843	25.2 0.992	470 6815	1880 27260	160 6.30
P.R 33-10	15.9 0.626	24.0 0.945	27.8 1.094	400 5800	1600 23200	216 8.50
P.R 33-12	19.1 0.750	28.8 1.134	32.5 1.280	355 5149	1420 20595	260 10.30
P.R 33-16	25.4 1.000	36.5 1.437	40.6 1.598	310 4500	1240 18000	310 12.50
P.R 33-20	31.8 1.250	42.9 1.689	46.5 1.831	240 3480	970 14065	410 16.14

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STEAM HOSE Single Wire Braid IS 10655 TYPE 2 and BS 5342 Type 1



Construction : Inner tube suitable for saturated steam at specified pressure, single wire braid reinforcement abrasion and heat resistant outer cover

P.R Ref. No.	Hose I.D. Mm Inch	Hose O.D. MM Inch	Maximum Steam Working Pressure Bar PSI	Minimum Hydraulic Burst Pressure Bar PSI
51-6	9.5 0.375	21.20 0.835	10.0 145	100 1450
51-8	12.7 0.500	24.13 0.950	10.0 145	100 1450
51-10	15.9 0.625	27.17 1.070	10.0 145	100 1450
51-12	19.1 0.750	30.35 1.195	10.0 145	100 1450
51-16	25.4 1.000	37.21 1.465	10.0 145	100 1450
51-20	31.8 1.250	43.56 1.715	10.0 145	100 1450
51-24	38.1 1.500	50.54 1.990	10.0 145	100 1450
51-32	50.8 2.000	63.24 2.490	10.0 145	100 1450

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STEAM HOSE Double Wire Braid IS 10655 TYPE 3 and BS 5342 Type 2



Construction : Inner tube suitable for saturated steam at specified pressure, Double wire braid reinforcement abrasion and heat resistant outer cover

P.R Ref. No.	Hose I.D. Mm Inch	Hose O.D. MM Inch	Maximum Steam Working Pressure Bar PSI	Minimum Hydraulic Burst Pressure Bar PSI
52-6	9.5 0.375	22.98 0.905	10.0 232	160 2320
52-8	12.7 0.500	26.16 1.030	16.0 232	160 2320
52-10	15.9 0.625	29.21 1.150	16.0 232	160 2320
52-12	19.1 0.750	32.38 1.275	16.0 232	160 2320
52-16	25.4 1.000	38.35 1.510	16.0 232	160 2320
52-20	31.8 1.250	46.48 1.830	16.0 232	160 2320
52-24	38.1 1.500	53.21 2.095	16.0 232	160 2320
52-32	50.8 2.000	66.29 2.610	16.0 232	160 2320

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LPG HOSE

BS EN 1762 : Type D



Construction : Low permeation synthetic rubber tube resistant to n-pentane, single wire braids reinforcement and perforated outer cover, resistant to abrasion and outer exposure.

Application : Designed for the transfer of LPG in liquid or gaseous phase and natural gas. Temperature Range: -40o C to +70o C (-40o F to +158o F)

Specification :
Exceeds BS EN 1762 : TYPE D.

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
1762D-8	12.7 0.500	22.7 0.890	25 363	100 1450	100 4.00
1762D-10	15.9 0.625	25.9 1.020	25 363	100 1450	127 5.00
1762D-12	19.1 0.750	31.0 1.220	25 363	100 1450	160 6.30
1762D-16	25.4 1.000	38.1 1.500	25 363	100 1450	200 7.90
1762D-20	31.8 1.250	45.0 1.770	25 363	100 1450	250 9.80
1762D-24	38.1 1.500	52.0 2.050	25 363	100 1450	320 12.60
1762D-32	50.8 2.000	67.0 2.640	25 363	100 1450	400 15.70

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LPG HOSE For Automotive Application ISO 8789 : Type E



Construction : Low permeation synthetic rubber tube resistant to n-pentane, single synthetic yarns braid reinforcement and perforated outer cover resistant to weather and ozone.

Application : Designed for use in motor vehicles with liquefied petroleum gas (LPG) installations.

Temperature Range:
-40o C to +80o C (-40o F to +176o F)

Specification : Exceeds ISO 8789.

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
8789-4	6.4 0.250	13.7 0.540	25 363	125 1812	70.0 2.75
8789-5	7.9 0.312	15.7 0.620	25 363	125 1812	95.0 3.75
8789-6	9.5 0.375	16.9 0.670	25 363	125 1812	115.0 4.50
8789-8	12.7 0.500	20.8 0.820	25 363	125 1812	140.0 5.50
8789-10	15.9 0.625	24.9 0.980	25 363	125 1812	165.0 6.50
8789-12	19.1 0.750	28.3 1.110	25 363	125 1812	185.0 7.30



LPG HOSE
IS9573 : Type-2



Construction : Low permeation synthetic rubber tube resistant to n-pentane, single synthetic yarn braid reinforcement with electrically bond wire (optional) and perforated outer cover resistant to ozone.

Application : Designed for use in motor vehicles with liquefied petroleum gas (LPG) installations. **Temperature Range:** -40o C to +80o C (-40o F to +176oF) **Specification :** Exceeds IS 9573

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
95732-6	9.5 0.375	16.9 0.665	25 363	100 1450	95.0 3.75
95732-8	12.7 0.500	20.8 0.819	25 363	100 1450	120.0 4.70
95732-10	15.9 0.625	23.5 0.925	25 363	100 1450	150.0 6.00
95732-12	19.1 0.750	26.5 1.043	25 363	100 1450	150.0 6.00

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**FUEL DISPENSING
HOSE
IS 2396**



Construction : Petrol and diesel fuels resistant synthetic rubber inner tube, double textile braid reinforcement with electrically bonded copper wire and the synthetic rubber outer, resistant to abrasion ,ozone and petroleum based fuels.

Application : Petroleum based fuel-dispensing hose.
Temperature Range: -40° C to +55° C, (-40° F to +131° F)
Specification : Exceeds IS 2396

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
2396-12	19.1 0.750	32.0 1.260	8 116	30 435	150.0 6.0
2396-16	25.4 1.000	38.1 1.500	8 116	30 435	200.0 8.0

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FUEL DISPENSING HOSE BS 3395 : Type 3*



Construction : Petrol and diesel fuels resistant synthetic rubber inner tube, single high tensile steel wire braid reinforcement and synthetic rubber outer resistant to abrasion, ozone and petroleum based fuels.

Application : Designed for petroleum based fuel-dispensing Temperature Range: -40o C to +55o C, (-40o F to +131o F)

Specification : Exceeds BS 3395 :Type 3

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Maximum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
3395-12	19.1 0.750	32.0 1.260	8 116	30 435	150.0 6.0
3395-16	25.4 1.000	38.1 1.500	8 116	30 435	200.0 8.0

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MINING HOSE
Fire Resistant Mining
Hose
21-EHP- Mining Hose



Construction : Synthetic rubber tube, double wire braid reinforcement and synthetic rubber cover.

Application : Particularly recommended for mining industries.

Temp. Range :
-40°C to +100°C (-40°F and +212°F)

Fittings : Standard swage type

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Minimum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
21-4	6.4 0.250	17.1 0.670	450 6525	1800 26100	101.6 4.00
21-6	9.5 0.375	21.6 0.860	380 5510	1520 22040	130.0 5.0
21-8	12.7 0.500	26.4 1.040	362 5249	1448 21000	150.0 6.0
21-12	19.1 0.750	33.5 1.320	276 4002	1104 16008	230.0 9.0
21-16	25.4 1.000	40.6 1.600	215 3118	860 12470	300.0 12.0
21-20	31.8 1.125	47.2 1.660	172 2494	688 9976	380.0 15.0

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CNG HOSE



Construction : Low permeation synthetic rubber tube resistant to methane & other alkanes, single synthetic yarn braid reinforcement and perforated synthetic outer cover resistant to ozone and weather.

Application : Designed for use in motor vehicles with CNG installations Temp. Range : -40oC to +100oC (-40oF and +212oF)
Specification : Exceeds SAE J 30 R 6

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Minimum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
PCNG-8	12.7 0.500	19.8 0.781	2.4 35	12 175	101.6 4.00
PCNG-12	19.1 0.750	28.6 1.125	2.4 35	12 175	152.4 6.00
PCNG-16	25.4 1.000	34.9 1.375	2.4 35	12 175	177.0 7.00

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High Temperature Rig Hose



Construction : High Temperature and Oil resistant synthetic rubber inner tube, double high tensile steel wire braid reinforcement and synthetic rubber outer cover.

Application : Designed for hot air application

Temperature Range : -30oC and +120°C (-22°F and +248°F)

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Minimum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
02HT-16	25.4 1.000	35.6 1.402	90 1305	360 5220	300.0 11.82
02HT-20	31.8 1.250	43.5 1.713	65 943	260 3770	420.0 16.54
02HT-24	38.1 1.500	50.6 1.992	50 725	200 2900	500 19.70
02HT-32	50.8 2.000	64.0 2.520	40 580	160 2320	635.0 25.00

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SUPER BARRIER HOSE



Construction : A thin veneer of inert polymer film used as a lining followed by synthetic rubber as a tie layer, double textile braid reinforcement with wire helix and outer cover with heat and ozone resistant synthetic elastomer.

Application : Designed for handling 98% of the industrial chemicals. The hose also suitable for food, beer & pharmaceutical application to prevent contamination, the barrier can be steam sterilization up to 130oC
Temperature Range : Operating temperature depends on the concentration of the chemicals. However the outer cover temperature range is -40oC to +120oC (-40oF to +248oF)

P.R Ref. No.	Hose I.D MM Inch	Hose O.D. MM Inch	Maximum Working Pressure Bar PSI	Minimum Burst Pressure Bar PSI	Minimum Bend Radius MM Inch
SBH-16	25.4 1.000	34.8 1.370	13.8 200	55.0 800	100.0 4.0
SBH-20	31.8 1.250	41.4 1.630	13.8 200	55.0 800	100.0 4.0
SBH-24	38.1 1.500	47.4 1.666	13.8 200	55.0 800	127.0 5.0
SBH-32	50.8 2.000	62.1 2.445	13.8 200	55.0 800	150.0 6.00



Fuel and Oil Hoses:



SAE J30

Type	Standard	Dimension	Construction
Conventional fuel & Oil Hoses	SAE-30R2 & SAE 30R3	As per SAE/Customer Specification	Inner : Nitrile(NBR) Rein : <u>Polyester/Rayan</u> Cover : Polychloroprene(CR)
High Temperature Fuel & Oil Hoses	SAE 30R6 SAE 30R7 SAE 30R8	As Per SAE/ Customer Specification	Inner : High ACN Content Nitrile (NBR) Rubber Rein : Polyester/Rayon Cover : Chlorosulphonated Polyethylene (CSM) OR Epichlorohydrin (ECO) OR Chlorinated Polyethylene (CM)
Low permeation Fuel Injection Hoses	SAE 30R9	As per SAE/ Customer Specification	Inner : Fluoroelastomer (FKM) Tie : Nitrile (NBR) Layer OR Epichlorohydrin (ECO) Rein : Polyester Cover : Epichlorohydrin (ECO)
In-Tank fuel Hoses	SAE 30R10	As per SAE/ Customer Specification	Inner : Fluoroelastomer (FKM) Rein. : Polyester Cover : Fluoroelastomer (FKM)



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