



Catalog

Elastohose Vnsa

hose and fitting

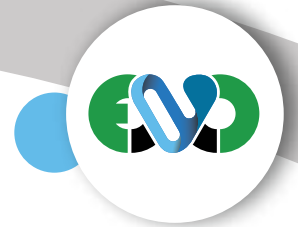
WE PROMISE WE DELIVER!

ELASTOHOSE - VNSA CO. is a collaboration of the expertise of the two companies with a mission to fulfil the requirement and provide complete solutions to the customer's worldwide, with ELASTOHOSE having an experience of the last 4 decades and VNSA CO. being one of the active companies in the field of industry in Iran from the last 30 years.

ELASTOHOSE - VNSACO. is now together innovating and providing customized solutions. Exceeding the high quality standard ISO 9001:2015 having a global presence.

ELASTOHOSE-VNSA از مشارکت و هم افزایی دو شرکت ونصا، با بیش از سه دهه تجربه مستمر و تخصصی در حوزه انواع شیلنگ و ELASTOHOSE به عنوان یکی از تولید کنندگان موفق با بیش از چهار دهه حضور در بازارهای جهانی ایجاد شده است. ما با هدف تأمین هر چه بهتر و تخصصی تر نیاز مشتریان و حضور قوی تر در بازارهای جهانی در کنار یکدیگر قرار گرفته ایم. نتیجه مشارکت و بکارگیری تجربه این دو مجموعه، تولید و ارائه محصولات در بالاترین سطوح استانداردهای ایزو 9001-2015 و بر اساس نیازهای مشتریان است.





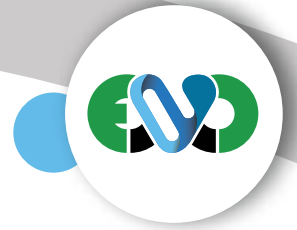
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POINTS TO REMEMBER FOR BEST SERVICE LIFE

Every hose has a finite life depending upon the service conditions to which it is exposed. If a hose is subjected to conditions more severe than recommended limits then its life will be significantly reduced.

Variable factors, which can affect the actual service life, include:

1) Working pressure

The fluid system pressure including surge pressure should not exceed the rated working pressure of the hose usually one third of the hose minimum bursting pressure.

2) Minimum Burst Pressure

Burst pressures are reference values during in-house destructive testes, which are used to determine the strength of the hose and to establish design safety factors.

3) Pressure surges

Almost all fluid system develop pressure surges which may exceed relief valve settings. Exposing the hose to surge pressures above the rated working pressure will shorten hose life and must be considered in selecting the proper hose. A surge which may not be indicated on many commonly used pressure gauges can be measured using specialized electronic equipment. The safety factor in systems where severe pressure surges occur can be increased by selecting a hose with a higher rated working pressure.

4) Temperature range

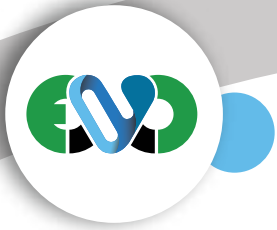
Hose should not be exposed to internal or external temperatures exceeding the recommended limits, as high heat conditions can cause an adverse effects on the hose by degrading the elastomer and reducing fitting retention. Continuous use at near maximum temperature can also cause hose damage while continuous use at maximum temperature together with maximum pressures should be avoided.

5) Fluid Compatibility

The hose assembly tube, cover, reinforcement and connections must be fluid compatible.

6) Hose Size

The hose size must be capable of handling the required flow volume. Using the smaller than required diameter of hose for a given volume of flow would result in excessive fluid turbulence, pressure drop, heat generation and tube damage.



7) Hose length and Routing

Select the correct length of hose taking into account vibrations, flexing and hose assembly routing. To protect and guide hose to minimize risk of damage, use clamps, bends, adapters, protective sleeves wherever required to prevent excessive flexing, pulling or kinking.

8) Minimum Bend Radius

Do not bend or flex hose beyond the specified parameter as this would put excessive tension on the reinforcement and severely reduce the ability of the hose withstand pressure.

9) Hose Assembly Inspection

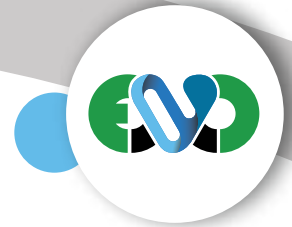
All hose assemblies in service should be frequently checked for leakage, kinking, corrosion, abrasion or any other signs of wear and damaged. Any hose assembly worn or damages must be removed from service and replaced immediately.

10) Environment

Hydraulic hoses are more resistant to certain degradation, e.g. ultraviolet light, ozone and many hydraulic fluids. Nevertheless due regards must be given to the working environment and the selection of hose best suited to operating conditions.

Safety Warning:

IMPROPER SELECTION, INSTALLATION OR MAINTENANCE OF HOSE MAY RESULT IN PREMATURE FAILURES, PROPERTY DAMAGE OR BODILY INJURY.



ELASTOHOSE - VNSA

Hose installation guidelines

Proper hose installation is essential to maximise hose life and following these basic guidelines when installing a hose assembly will ensure more durability between servicing and the need to replace the hose.

Wherever, appropriate secure the hose to the equipment in such a way that the hose assembly is protected from being damaged. Following the framework of the equipment is generally best. Try to secure the hose away from points of chafing or wear. If this is not possible, use an appropriate protective cover.

When routing, do not exceed the minimum bend radius of the hose. If hoses of various ID's are bundled together, the largest ID hose will dictate the minimum bend radius. If the hose pivots, rotates, flexes or reciprocates during operation, be sure to allow enough length for free movement at all points in the cycle. Even in a stationary application, be sure to allow for length change during pressure cycles.

Wherever, extreme heat cannot be avoided, especially when conveying flammable substances, always use fire sleeving.

Hose is a good compensator in multi-plane flexing applications, but it will fail quickly if subjected to torquing or twisting. In these applications route the hose so as to avoid torque or twist, or use a rotary joint or fitting. Always avoid torquing the hose assembly when attaching the second end.

If the hose is subjected to frequent handling, be sure to do so with safety and precision. Observe minimum bend radius guidelines. Abuse is the number one cause of shortened hose life and hose failure. When replacing a failed hose, be sure it was properly installed in the first place. Look for areas of wear and kinks. Never assume the hose was properly installed to begin with.

DEFINITIONS

Bend Radius: The radius of a bent section of hose, measured to the innermost surface of the curved portion.

Minimum Bend Radius: The maximum amount to which a hose can be bent before causing kinking or damage. Follow the formula below to determine the minimum length of hose to make the angle of bend required.

Note: The bend should take effect over the entire minimum length, not just a portion of it.

GENERAL FORMULA

Angle of bend \div 360 \times 2 π r = minimum length of hose to make bend

r = given bend radius of hose

π = approximately 3.14

Example:

Static 90° bend with Codan 3304 with 12.7 mm ID

r = 330 mm angle of bend = 90°

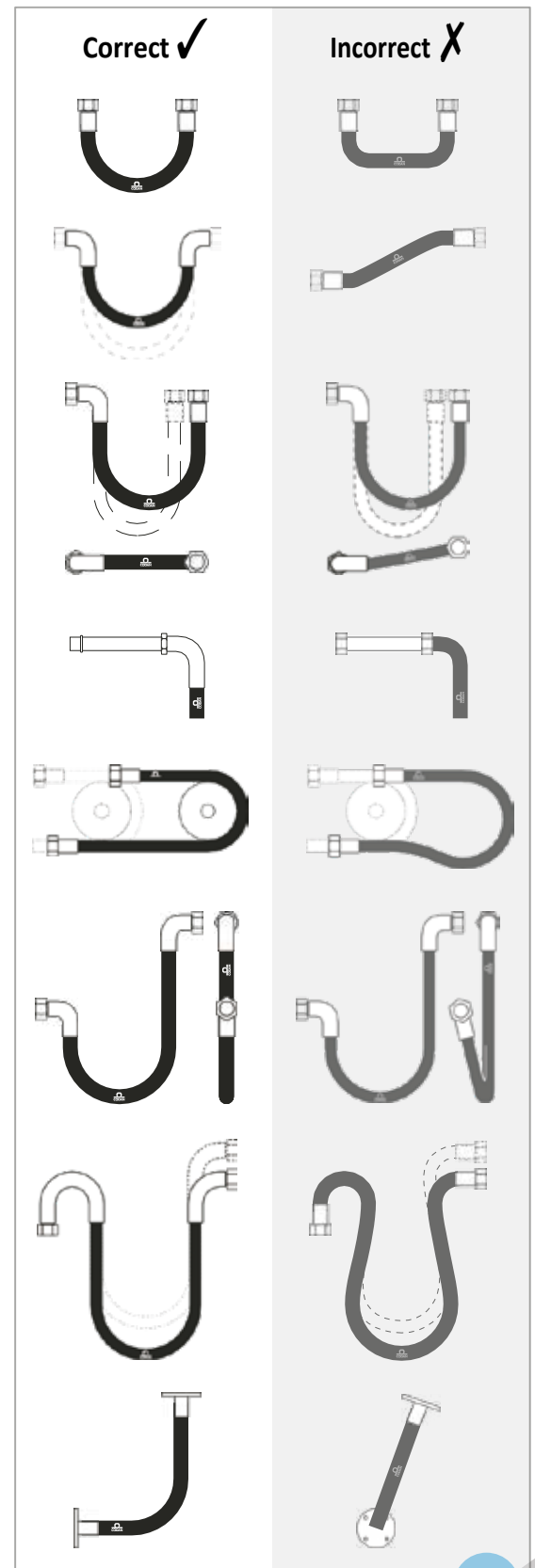
$90 \div 360 \times 2 \times 3.14 \times 330 = 518.1$ mm

518.1 mm is the minimum length to make a 90° bend without damage.

For hose installations in a moving assembly, please multiply length by 1.2

Note: The minimum bend radius listed in the catalogue is for static bend at ambient temperature. Flexible bending, especially at elevated temperatures, will increase the minimum bend radius accordingly.

For more information and special applications please contact Elastohose.





UNIT CONVERSION TABLE

HOSE INTERNAL DIAMETER							
Dash Size	DN Size	All except SAE 100R5		Tolerance	DN Size	SAE 100 R5	
		Inch	mm			Inch	mm
-3	5	3/16	4.8	± 0.75	-	-	-
-4	6	1/4	6	± 0.75	5	3/16	4.8
-5	8	5/16	8	± 0.75	6	1/4	6.4
-6	10	3/8	10	± 0.75	8	5/16	7.9
-8	12	1/2	12.5	± 0.75	11	13/32	10.3
-10	16	5/8	16	± 0.75	12	1/2	12.7
-12	19	3/4	19	± 0.75	16	5/8	15.9
-16	25	1	25	± 1.25	22	7/8	22.2
-20	31	1.1/4	32	± 1.25	29	1.3/8	28.9
-24	38	1.1/2	38	± 1.50	35	1.3/8	34.9
-32	51	2	51	± 1.50	46	1.13/16	46.0
-40	63	2.1/2	63	± 1.50	-	-	-
-48	76	3	76	± 2.00	-	-	-



INDUSTRIAL HOSES

YOUR DEMAND IS OUR QUALITY!

AIR HOSE 15 BAR STANDARD DUTY



- TUBE : Natural-synthetic rubber Blend
- REINFORCEMENT : High tensile textile yarn
- COVER : Black synthetic elastomer - abrasion and ozone resistant SBR
- TEMP RANGE : -25° C +80° C (-13° F +176° F)
- APPLICATIONS : Compressed air and general industrial applications
- PROPERTIES : Flexible
High abrasion
Uniform thickness
- STANDARD COLOUR AND FINISH : Inner tube - Black
Outer cover - Black
Finish - Smooth/Wrapped
- APPLICABLE STD : ISO 2398 ; IS 446

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVAI129-06	1/4	6	13	15	215	45	650	1.9	48	0.165	100/50
EVAI129-08	5/16	8	15	15	215	45	650	2.5	64	0.215	100/50
EVAI129-10	3/8	10	17	15	215	45	650	3.1	80	0.250	100/50
EVAI129-12	1/2	12.5	21	15	215	45	650	4.1	104	0.340	100/50
EVAI129-16	5/8	16	24	15	215	45	650	5.0	128	0.430	100/50
EVAI129-19	3/4	19	27	15	215	45	650	6.0	152	0.520	100/50
EVAI129-25	1	25	35	15	215	45	650	7.9	200	0.740	100/50

Note : Taco shell packing available in 25, 50 and 100 feet with (1/4 NPT) and without fittings

AIR HOSE 20 BAR HEAVY DUTY



- TUBE** : Natural-synthetic rubber Blend
- REINFORCEMENT** : High tensile textile yarn
- COVER** : synthetic elastomer - abrasion and ozone resistant SBR
- TEMP RANGE** : -25° C +80° C (-13° F +176° F)
- APPLICATIONS** : Compressed air and general industrial applications
- PROPERTIES** : Flexible
High abrasion
Uniform thickness
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Black / Blue
Finish - Smooth/Wrapped
- APPLICABLE STD** : ISO 2398 ; IS 446

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVAI130-06	1/4	6	13	20	300	60	900	2.3	58	0.170	100/50
EVAI130-08	5/16	8	15	20	300	60	900	2.9	74	0.220	100/50
EVAI130-10	3/8	10	17	20	300	60	900	3.5	90	0.260	100/50
EVAI130-12	1/2	12.5	21	20	300	60	900	4.5	114	0.350	100/50
EVAI130-16	5/8	16	24	20	300	60	900	5.4	138	0.440	100/50
EVAI130-19	3/4	19	27	20	300	60	900	6.4	162	0.530	100/50
EVAI130-25	1	25	35	20	300	60	900	8.3	210	0.750	100/50

Note : Taco shell packing available in 25, 50 and 100 feet with (1/4 NPT) and without fittings



AIR HOSE - OIL RESISTANT

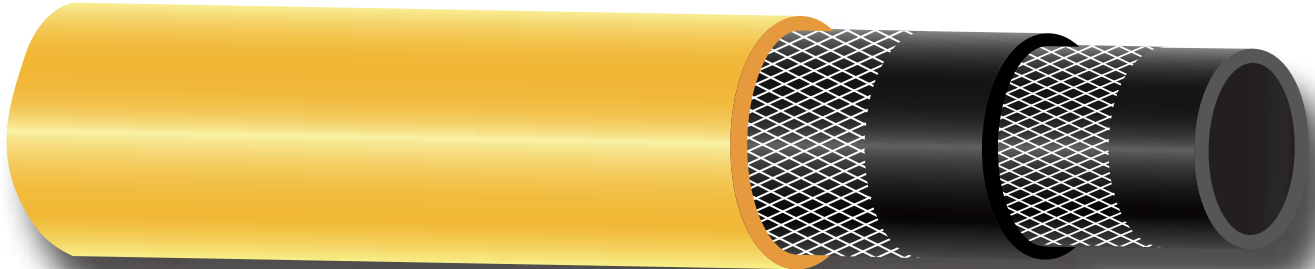


- TUBE : Black synthetic elastomer - oil resistant
- REINFORCEMENT : High tensile textile yarn
- COVER : Yellow synthetic elastomer - abrasion and ozone resistant
- TEMP RANGE : -30° C +80° C (-22° F +176° F)
- APPLICATIONS : Compressed air and general industrial application
- PROPERTIES : Extreme temperature
Flexibility
Oil resistance (RMA CLASS A)
- STANDARD COLOUR AND FINISH : Inner tube - Black
Outer cover - Yellow
Finish - Smooth/Wrapped
- APPLICABLE STD : ISO 2398 ; IS 446

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm		
EVAI131-06	1/4	6	13	20	300	60	900	2.3	58	0.160	100/50
EVAI131-08	5/16	8	15	20	300	60	900	2.9	74	0.200	100/50
EVAI131-10	3/8	10	17	20	300	60	900	3.5	90	0.240	100/50
EVAI131-12	1/2	12.5	21	20	300	60	900	4.5	114	0.340	100/50
EVAI131-16	5/8	16	24	20	300	60	900	5.4	138	0.400	100/50
EVAI131-19	3/4	19	27	20	300	60	900	6.4	162	0.490	100/50
EVAI131-25	1	25	35	20	300	60	900	8.3	210	0.720	100/50

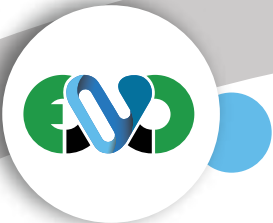
Note : Taco shell packing available in 25, 50 and 100 feet with (1/4 NPT) and without fittings

AIR HOSE - OIL RESISTANT 35 BAR



- TUBE** : Black synthetic NBR - RMA Class A (High Oil Resistance)
- REINFORCEMENT** : Double braided high tensile polyester synthetic yarn
- COVER** : Yellow synthetic rubber, RMA Class A (High Oil Resistance)
- TEMP RANGE** : -30° C +80° C (-22° F +176° F)
- APPLICATIONS** : Compressed air and general industrial application
- PROPERTIES** : Extreme temperature
Flexibility
Oil resistance (RMA CLASS A)
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Yellow
Finish - Smooth/Wrapped
- APPLICABLE STD** : Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVAI153-06	1/4	6	15	35	500	105	1500	2.4	60	0.260	100/50
EVAI153-08	5/16	8	17	35	500	105	1500	3.1	80	0.310	100/50
EVAI153-10	3/8	10	19	35	500	105	1500	3.9	100	0.345	100/50
EVAI153-12	1/2	12.5	23.5	35	500	105	1500	4.3	110	0.430	100/50
EVAI153-16	5/8	16	26.5	35	500	105	1500	5.5	140	0.535	100/50
EVAI153-19	3/4	19	30	35	500	105	1500	6.3	160	0.615	100/50
EVAI153-25	1	25	37.5	35	500	105	1500	8.3	210	0.865	100/50



AIR HOSE HEAVY DUTY - EPDM

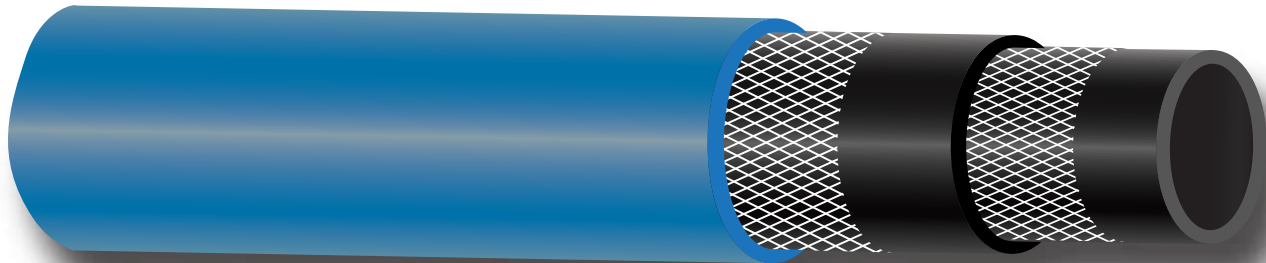


- TUBE : Black EPDM
- REINFORCEMENT : High tensile textile yarn
- COVER : Red EPDM - abrasion and ozone resistant
- TEMP RANGE : -40° C +100° C (-40° F +212° F)
- APPLICATIONS : Compressed air designed for heavy duty applications
- PROPERTIES : Uniform thickness
Extreme temperature flexibility
Light weight
- STANDARD COLOUR AND FINISH : Inner tube - Black
Outer cover - Red
Finish - Smooth/Wrapped
- APPLICABLE STD : ISO 2398; IS 446

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVEP142-06	1/4	6	13	20	300	60	900	1.9	48	0.160	100/50
EVEP142-08	5/16	8	15	20	300	60	900	2.5	64	0.190	100/50
EVEP142-10	3/8	10	17	20	300	60	900	3.1	80	0.225	100/50
EVEP142-12	1/2	12.5	21	20	300	60	900	4.1	104	0.330	100/50
EVEP142-16	5/8	16	24	20	300	60	900	5.0	128	0.370	100/50
EVEP142-19	3/4	19	27	20	300	60	900	6.0	152	0.430	100/50
EVEP142-25	1	25	35	20	300	60	900	7.9	200	0.700	100/50

Note : Taco shell packing available in 25, 50 and 100 feet with (1/4 NPT) and without fittings

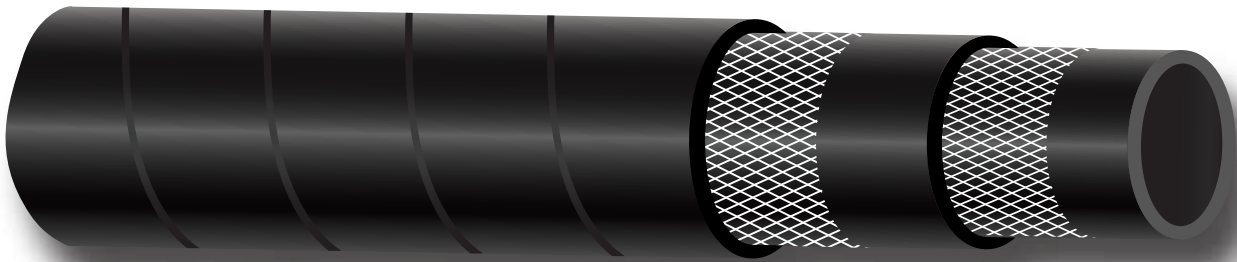
AIR HOSE DOUBLE BRAID HEAVY DUTY



- TUBE** : Natural-synthetic rubber Blend
- REINFORCEMENT** : Double braided high tensile textile yarn
- COVER** : Synthetic elastomer - abrasion and ozone resistant
- TEMP RANGE** : -25° C +80° C (-13° F +176° F)
- APPLICATIONS** : Compressed air and general industrial applications
- PROPERTIES** : Flexible
High abrasion
Uniform thickness
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Blue
Finish - Smooth/Wrapped
- APPLICABLE STD** : ISO 2398 ; IS 446

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVAI140-06	1/4	6	15	20	300	80	1200	2.4	60	0.260	100/50
EVAI140-08	5/16	8	17	20	300	80	1200	3.1	80	0.310	100/50
EVAI140-10	3/8	10	19	20	300	80	1200	3.9	100	0.360	100/50
EVAI140-12	1/2	12.5	23.5	20	300	80	1200	4.3	110	0.500	100/50
EVAI140-16	5/8	16	26.5	20	300	80	1200	5.5	140	0.570	100/50
EVAI140-19	3/4	19	30	20	300	80	1200	6.3	160	0.690	100/50
EVAI140-25	1	25	37.5	20	300	80	1200	8.3	210	0.950	100/50

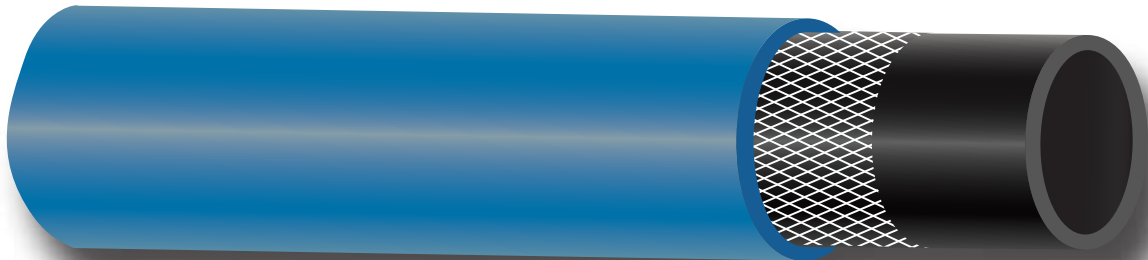
AIR HOSE DOUBLE BRAID HEAVY DUTY - 2



TUBE	: Black SBR/ NBR oil mist resistant
REINFORCEMENT	: Double braided high tensile textile yarn
COVER	: Black SBR - abrasion and ozone resistant
TEMP RANGE	: -30° C +80° C (-22° F +176° F)
APPLICATIONS	: Compressed air designed for heavy duty applications
PROPERTIES	: Mist oil resistance Flexible Uniform thickness
STANDARD COLOUR AND FINISH	: Inner tube - Black Outer cover - Black Finish - Wrapped
APPLICABLE STD	: ISO 2398 ; IS 446

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm		mm	bar	psi	bar	psi	Inch		
EVAI141-32	1.1/4	32	43	20	300	60	900	9.8	250	1.200	60/40
EVAI141-38	1.1/2	38	50	20	300	60	900	11.8	300	1.450	60/40
EVAI141-51	2	51	64	20	300	60	900	16.5	420	2.000	40

WATER HOSE



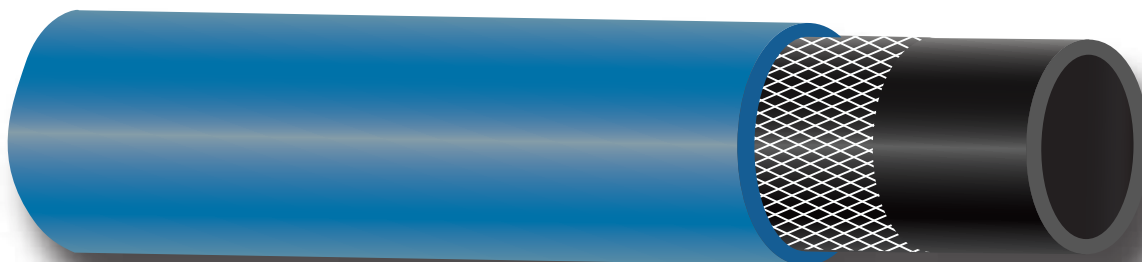
- TUBE** : Specially designed Natural and synthetic rubber compound
- REINFORCEMENT** : High Tenacity Synthetic Textile braid
- COVER** : Specially designed natural rubber compound resistant to weather , abrasion and ageing
- TEMP RANGE** : -25° C +75° C (-13° F +167° F)
- APPLICATIONS** : For all water delivery applications
- PROPERTIES** : Uniform thickness
Seamless
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Blue / black
Finish - Smooth/Wrapped - upto 1"
Wrapped - From 1.1/4" to 2"
- APPLICABLE STD** : IS 444

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	Kg/m	Mtr
EVWF138-06	1/4	6	13	10	150	30	450	1.4	35	0.160	100
EVWF138-08	5/16	8	15	10	150	30	450	2.3	58	0.210	100
EVWF138-10	3/8	10	17	10	150	30	450	3.0	75	0.245	100
EVWF138-12	1/2	12.5	21	10	150	30	450	3.9	98	0.330	100
EVWF138-16	5/8	16	25	10	150	30	450	5.3	135	0.420	100
EVWF138-19	3/4	19	27	10	150	30	450	6.1	155	0.510	100
EVWF138-25	1	25	35	10	150	30	450	8.1	205	0.730	100
EVWF138-32	1.1/4	32	42.3	10	150	30	450	9.6	245	0.950	40
EVWF138-38	1.1/2	38	48.7	10	150	30	450	11.6	295	1.200	40
EVWF138-51	2	51	62.5	10	150	30	450	16.3	415	1.700	40

NOTE : Taco shell packing available in 25, 50 and 100 feet with 3/4" brass fittings and without fittings



WATER HOSE HEAVY DUTY



- TUBE** : Specially designed synthetic rubber compound
- REINFORCEMENT** : High tenacity synthetic textile braid
- COVER** : Specially designed natural rubber compound resistant to weather, abrasion and ageing
- TEMP RANGE** : -25° C +75° C (-13° F +167° F)
- APPLICATIONS** : For all water delivery applications
- PROPERTIES** : Uniform thickness
Seamless
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Blue / Black
Finish - Smooth/Wrapped - upto 1"
Wrapped - From 1.1/4" to 2"
- APPLICABLE STD** : IS 444

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVWH139-06	1/4	6	13	15	215	45	650	1.6	40	0.165	100
EVWH139-08	5/16	8	15	15	215	45	650	2.5	64	0.215	100
EVWH139-10	3/8	10	17	15	215	45	650	3.1	80	0.250	100
EVWH139-12	1/2	12.5	21	15	215	45	650	4.1	104	0.340	100
EVWH139-16	5/8	16	25	15	215	45	650	5.5	140	0.430	100
EVWH139-19	3/4	19	27	15	215	45	650	6.3	160	0.520	100
EVWH139-25	1	25	35	15	215	45	650	8.3	210	0.740	100
EVWH139-32	1.1/4	32	43.5	15	215	45	650	9.8	250	1.200	40
EVWH139-38	1.1/2	38	50	15	215	45	650	11.8	300	1.450	40
EVWH139-51	2	51	64	15	215	45	650	16.5	420	2.000	40

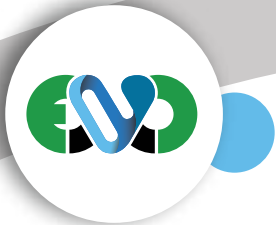
NOTE : Taco shell packing available in 25, 50 and 100 feet with 3/4" brass fittings and without fittings

AIR - WATER HOSE

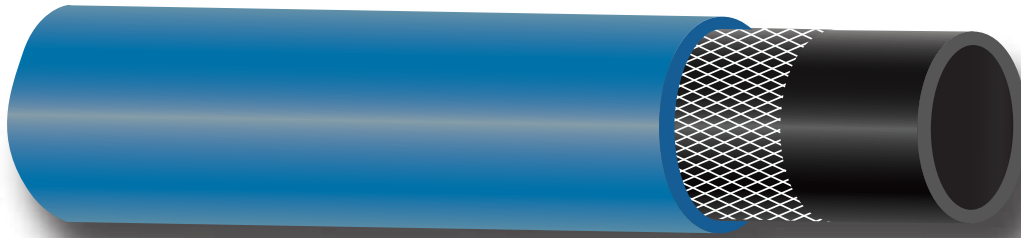


- TUBE** : Natural-synthetic rubber Blend
- REINFORCEMENT** : One or multiple layers of Textile reinforced subjected to ID (1.1/4", 1.1/2" and 2" double braid)
- COVER** : Synthetic elastomer - abrasion and ozone resistant
- TEMP RANGE** : -25° C +80° C (-13° F +176° F)
- APPLICATIONS** : Compressed air and general industrial applications
- PROPERTIES** : Uniform Thickness
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Black
Finish - Smooth/Wrapped - upto 1"
Wrapped from 1.1/4" to 2"
- APPLICABLE STD** : Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm		mm	bar	psi	bar	psi	Inch		
EVAW137-06	1/4	6	13	20	300	60	900	1.9	48	0.170	100/50
EVAW137-08	5/16	8	15	20	300	60	900	2.5	64	0.220	100/50
EVAW137-10	3/8	10	17	20	300	60	900	3.1	80	0.260	100/50
EVAW137-12	1/2	12.5	21	20	300	60	900	4.1	104	0.350	100/50
EVAW137-16	5/8	16	24	20	300	60	900	5.1	130	0.440	100/50
EVAW137-19	3/4	19	27	20	300	60	900	6.0	152	0.530	100/50
EVAW137-25	1	25	35	20	300	60	900	7.9	200	0.750	100/50
EVAW137-32	1.1/4	32.5	43	20	300	60	900	9.8	250	1.200	60/40
EVAW137-38	1.1/2	38	50	20	300	60	900	11.8	300	1.450	60/40
EVAW137-51	2	51	64	20	300	60	900	16.5	420	1.800	40



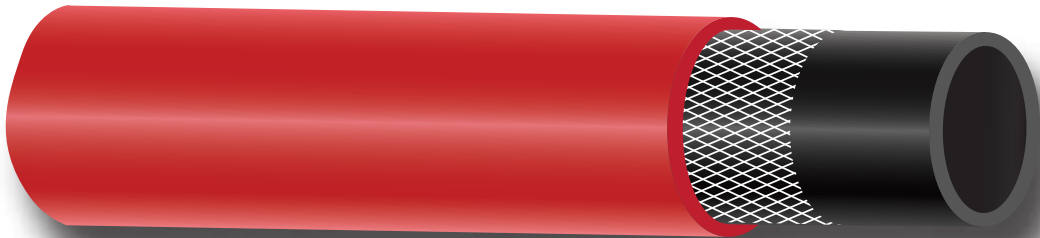
OXYGEN HOSE



TUBE	:	Natural and Synthetic rubber blend
REINFORCEMENT	:	High Tenacity Synthetic Textile braid
COVER	:	Blue abrasion & ozone resistant, SBR
TEMP RANGE	:	-25°C + 80°C (-13° F +176° F)
APPLICATIONS	:	Oxygen gas in welding/cutting
PROPERTIES	:	High Abrasion Resistance Uniform Thickness flexible Heat Resistance
STANDARD COLOUR AND FINISH	:	Inner tube - Black Outer tube - Blue Finish - Smooth/Wrapped
APPLICABLE STD	:	IS 447 , ISO 3821

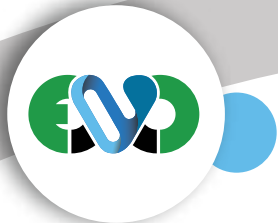
PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm		
EVOX114-06	1/4	6	13	20	300	60	900	1.9	48	0.160	50 / 100
EVOX114-08	5/16	8	15	20	300	60	900	2.5	64	0.220	50 / 100
EVOX114-10	3/8	10	17	20	300	60	900	3.9	100	0.250	50 / 100

ACETYLENE HOSE

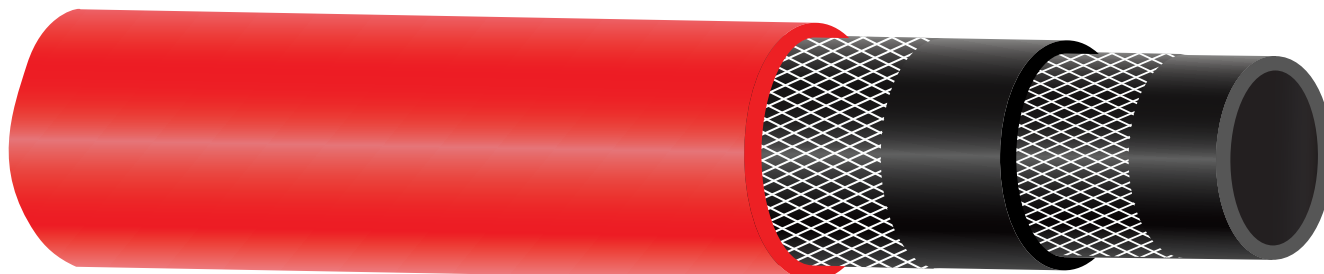


TUBE	: Natural and Synthetic rubber blend
REINFORCEMENT	: High Tenacity Synthetic Textile braid
COVER	: Red abrasion & ozone resistant, SBR
TEMP RANGE	: -25°C + 80°C (-13° F +176° F)
APPLICATIONS	: Acetylene gas in welding/cutting
PROPERTIES	: High Abrasion Resistance Uniform Thickness flexible Heat Resistance
STANDARD COLOUR AND FINISH	: Inner tube - Black Outer cover - Red Finish - Smooth/Wrapped
APPLICABLE STD	: IS 447 , ISO 3821

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVAC115-06	1/4	6	13	20	300	60	900	1.9	48	0.160	50 / 100
EVAC115-08	5/16	8	15	20	300	60	900	2.5	64	0.220	50 / 100
EVAC115-10	3/8	10	17	20	300	60	900	3.9	100	0.250	50 / 100



ACETYLENE HOSE DOUBLE BRAID



TUBE	:	Natural and Synthetic rubber blend
REINFORCEMENT	:	High Tenacity Synthetic Double Textile braid
COVER	:	Red abrasion & ozone resistant, SBR
TEMP RANGE	:	-25°C + 80°C (-13° F +176° F)
APPLICATIONS	:	Acetylene gas in welding/cutting
PROPERTIES	:	High Abrasion Resistance Uniform Thickness flexible Heat Resistance
STANDARD COLOUR AND FINISH	:	Inner tube - Black Outer cover - Red Finish - Smooth/Wrapped
APPLICABLE STD	:	IS 447 , ISO 3821

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm		mm	bar	psi	bar	psi	Inch		
EVAC148-06	1/4	6	14.5	20	300	60	900	1.9	48	0.275	50 / 100
EVAC148-08	5/16	8	16.5	20	300	60	900	2.5	64	0.325	50 / 100
EVAC148-10	3/8	10	18.5	20	300	60	900	3.9	100	0.375	50 / 100

PROPANE HOSE



- TUBE** : Oil Resistant Synthetic Rubber
- REINFORCEMENT** : High Tenacity Synthetic Textile braid
- COVER** : Synthetic Rubber resistant to oil ,ozone and abrasion
- TEMP RANGE** : -25°C + 110°C (-13° F +230° F)
- APPLICATIONS** : Design to be used for transfer of propane gas
- PROPERTIES** : High Abrasion Resistance
Uniform Thickness
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Orange
Finish - Smooth and Wrapped
- APPLICABLE STD** : ISO 3821, IS 447

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVPR116-06	1/4	6	13	20	300	60	900	1.9	48	0.150	50 / 100
EVPR116-08	5/16	8	15	20	300	60	900	2.5	64	0.200	50 / 100
EVPR116-10	3/8	10	17	20	300	60	900	3.9	100	0.230	50 / 100

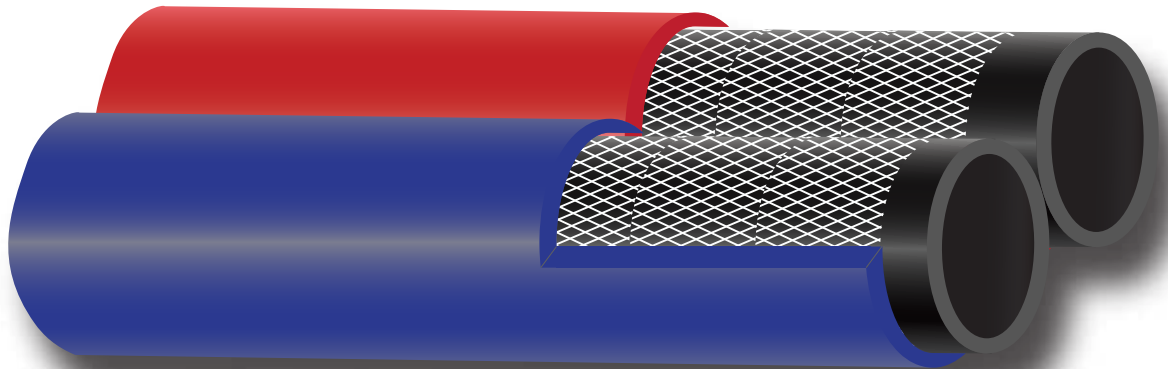
ARGON GAS WELDING HOSE



TUBE	: Natural and Synthetic rubber blend
REINFORCEMENT	: High Tenacity Synthetic Textile braid
COVER	: Natural and Synthetic rubber blend resistant to Ozone, abrasion and heat
TEMP RANGE	: -25°C + 80°C (-13°F +176°F)
APPLICATIONS	: For Welding / Cutting Purpose
PROPERTIES	: Ozone resistance Heat Resistance Flexible Uniform Thickness
STANDARD COLOUR AND FINISH	: Inner tube - Black Outer cover - Black Finish - Smooth
APPLICABLE STD	: EN ISO 3821, IS 447

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	Kg/m	Mtr
EVAR152-06	1/4	6	13	20	300	60	900	1.9	48	0.160	50 / 100
EVAR152-08	5/16	8	15	20	300	60	900	2.5	64	0.220	50 / 100
EVAR152-10	3/8	10	17	20	300	60	900	3.9	100	0.250	50 / 100

TWIN WELDING HOSE



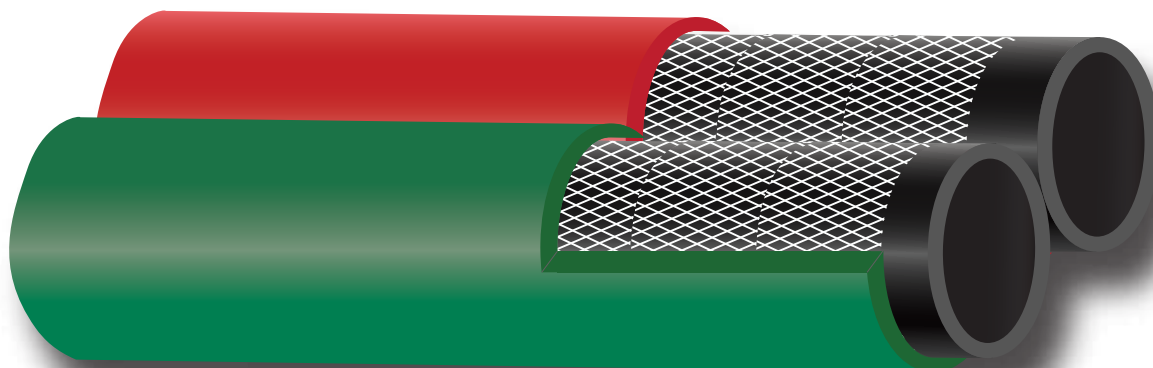
- TUBE** : Natural and Synthetic rubber blend
- REINFORCEMENT** : High Tenacity Synthetic Textile braid
- COVER** : Natural and Synthetic rubber blend resistant to Ozone , abrasion and heat
- TEMP RANGE** : -25°C + 80°C (-13°F +176°F)
- APPLICATIONS** : For Welding / Cutting Purpose
- PROPERTIES** : Ozone resistance
Heat Resistance
Flexible
Uniform Thickness
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Red-Blue
Finish - Smooth
- APPLICABLE STD** : EN ISO 3821, IS 447

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm		
EVTW113-06	1/4	6	13	20	300	60	900	3.1	80	0.340	50 / 100
EVTW113-08	5/16	8	15	20	300	60	900	3.5	90	0.460	50 / 100
EVTW113-10	3/8	10	17	20	300	60	900	3.9	100	0.520	50 / 100

Note : Available in shrink box packing in 25 , 50 and 100 ft length with (B Type) and without brass fittings



TWIN WELDING HOSE - GRADE R

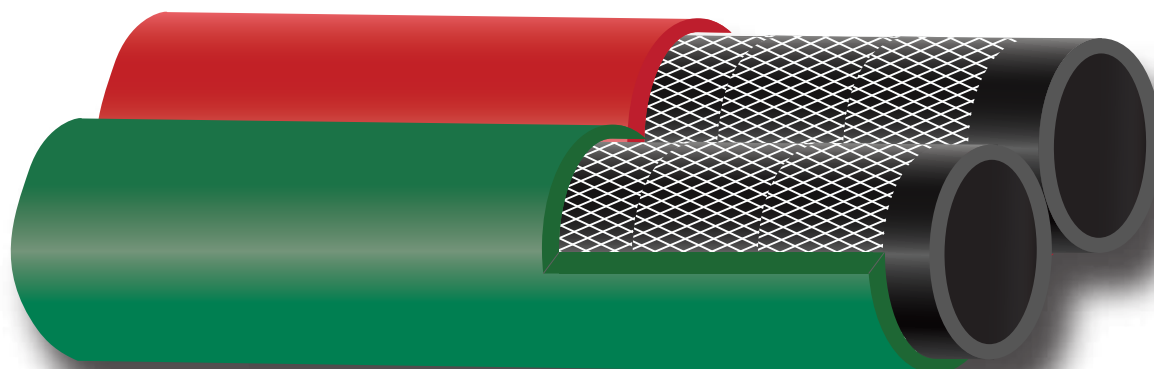


TUBE	:	Natural and Synthetic rubber blend
REINFORCEMENT	:	High Tenacity Synthetic Textile braid
COVER	:	Natural and Synthetic rubber blend resistant to Ozone , abrasion and heat
TEMP RANGE	:	-25°C + 80°C (-13°F +176°F)
APPLICATIONS	:	For Welding / Cutting Purpose
PROPERTIES	:	Ozone resistance Heat Resistance Flexible Uniform Thickness
STANDARD COLOUR AND FINISH	:	Inner tube - Black Outer cover - Red-Green Finish - Smooth
APPLICABLE STD	:	EN ISO 3821, IS 447

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm		
EVTW149-06	1/4	6	13	20	300	60	900	3.1	80	0.340	50 / 100
EVTW149-08	5/16	8	15	20	300	60	900	3.5	90	0.460	50 / 100
EVTW149-10	3/8	10	17	20	300	60	900	3.9	100	0.520	50 / 100

Note : Available in shrink box packing in 25 , 50 and 100 ft length with (B Type) and without brass fittings

TWIN WELDING HOSE - GRADE T



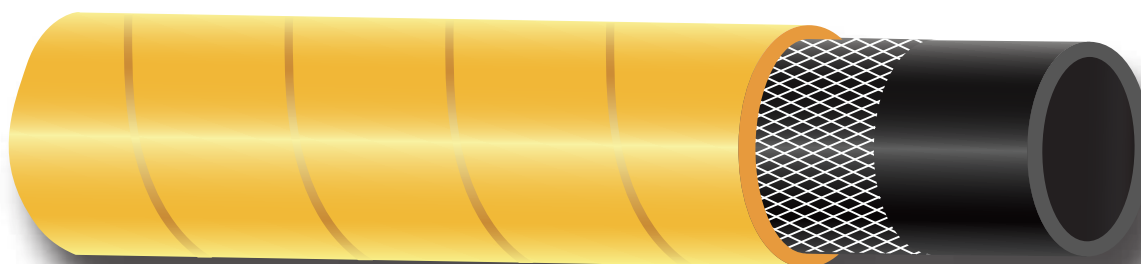
TUBE	:	Neoprene blend
REINFORCEMENT	:	High Tenacity Synthetic Textile braid
COVER	:	Natural and Synthetic rubber blend resistant to Ozone , abrasion and heat
TEMP RANGE	:	-25°C + 80°C (-13°F +176°F)
APPLICATIONS	:	Fuel gases
PROPERTIES	:	Ozone resistance Heat Resistance Flexible Uniform Thickness
STANDARD COLOUR AND FINISH	:	Inner tube - Black Outer cover - Red-Green; Red-Blue Finish - Smooth
APPLICABLE STD	:	EN ISO 3821, IS 447

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVTW151-06	1/4	6	13	20	300	60	900	3.1	80	0.340	50 / 100
EVTW151-08	5/16	8	15	20	300	60	900	3.5	90	0.460	50 / 100
EVTW151-10	3/8	10	17	20	300	60	900	3.9	100	0.520	50 / 100

Note : Available in shrink box packing in 25 , 50 and 100 ft length with (B Type) and without brass fittings



NITROGEN HOSE

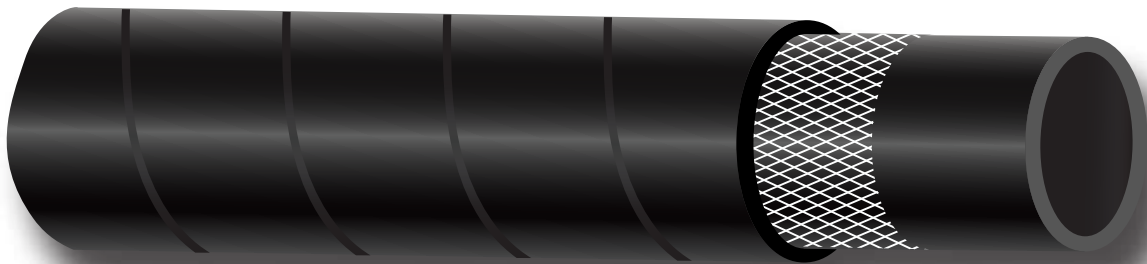


- TUBE** : synthetic rubber blend resistant to Nitrogen
- REINFORCEMENT** : High Tenacity synthetic textile braid
- COVER** : Weather and Ozone resistance synthetic rubber compound
- TEMP RANGE** : -45° C + 100° C (-49° F +212° F)
- APPLICATIONS** : Design to be used for transfer of Nitrogen gas
- PROPERTIES** : High Weather Resistance
Uniform
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Yellow
Finish - Wrapped
- APPLICABLE STD** : Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVNI117-19	3/4	19	27.5	20	300	80	1200	4.9	125	0.500	50 / 100
EVNI117-25	1	25	35	20	300	80	1200	7.9	200	0.720	50 / 100



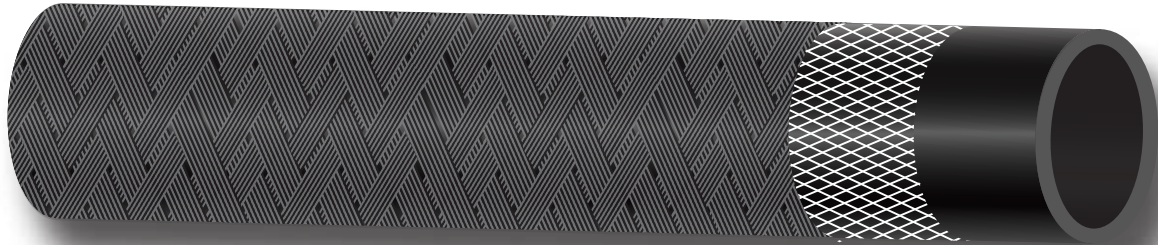
FUEL - OIL HOSE



- TUBE** : Oil Resistant Synthetic Rubber
- REINFORCEMENT** : High Tenacity Synthetic Textile single braid
- COVER** : Synthetic rubber resistant to oil , abrasion and ozone
- TEMP RANGE** : -40°C + 100°C (-40°F +212°F)
- APPLICATIONS** : Design to be used for transfer of fuel in engine compartments
- PROPERTIES** : Uniform Thickness
High Pressure
Flexible
Oil resistance
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer cover - Black
Finish - Smooth/Wrapped
- APPLICABLE STD** : SAE J 30 R2 TYPE 3

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm		mm	bar	psi	bar	psi	Inch		
EVFU112-05	3/16	4.8	11.1	35	510	140	2030	2.0	50	0.150	50 / 100
EVFU112-06	1/4	6	12.4	30	435	115	1670	2.6	65	0.170	50 / 100
EVFU112-08	5/16	8	14.3	30	435	115	1670	3.0	75	0.190	50 / 100
EVFU112-10	3/8	10	16	30	435	115	1670	3.3	85	0.260	50 / 100
EVFU112-12	1/2	12.5	19.8	30	435	115	1670	3.9	100	0.400	50 / 100
EVFU112-16	5/8	16	23	25	365	85	1235	4.9	125	0.450	50 / 100
EVFU112-19	3/4	19	26.5	25	365	85	1235	5.9	150	0.500	50 / 100
EVFU112-25	1	25	35	20	300	60	900	7.9	200	0.560	50 / 100

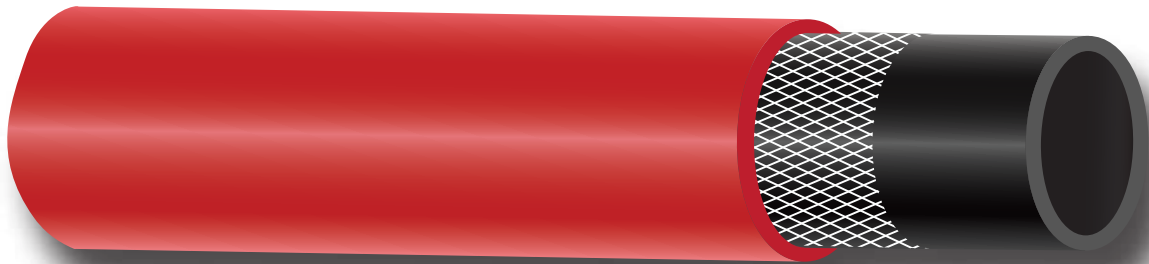
COTTON BRAIDED FUEL HOSE



- TUBE** : Oil-resistant synthetic rubber (NBR)
- REINFORCEMENT** : Single braid high tensile yarn
- COVER** : Dense braid black textile fibre
- TEMP RANGE** : -40° C +100° C Approx (-40° F +212° F Approx)
- APPLICATIONS** : For low pressure hydraulic lines applied in various applications like earthmoving and other adjacent industries
- PROPERTIES** : Oil resistance
Ageing Resistance
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer Cover - Black Textile braid Finish -
- APPLICABLE STD** : DIN 73379 TYPE B

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm		mm	bar	psi	bar	psi	Inch		
EVCB143-06	1/4	6	11.7	10	150	30	450	2.0	51	0.115	100+
EVCB143-08	5/16	8	13.3	10	150	30	450	2.5	64	0.135	100+
EVCB143-10	3/8	10	15	10	150	30	450	3.0	76	0.165	100+
EVCB143-12	1/2	12.5	18.8	10	150	30	450	3.0	76	0.215	100+
EVCB143-16	5/8	16	22.1	10	150	30	450	4.0	101	0.305	100+
EVCB143-19	3/4	19	25.6	10	150	30	450	5.0	127	0.415	100+
EVCB143-25	1	25	31.5	10	150	30	450	6.0	152	0.485	100

MULTIPURPOSE / GENERAL PURPOSE HOSE



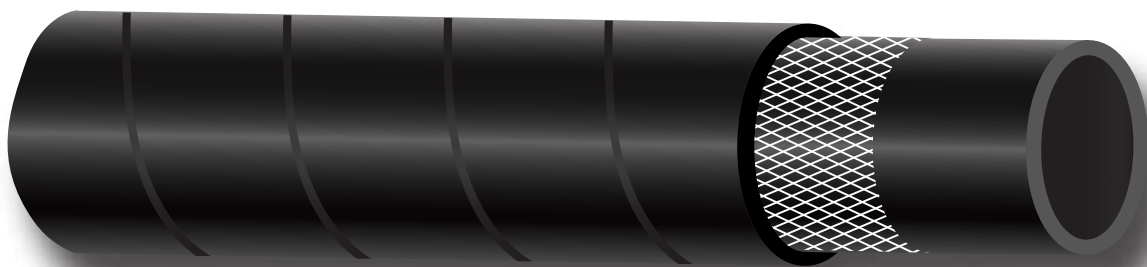
- TUBE** : NBR - Oil resistant synthetic rubber
- REINFORCEMENT** : One or multiple layers of Textile reinforced subjected to ID (1.1/4", 1.1/2" and 2" double braid)
- COVER** : NBR/EPDM -rubber resistant to Ozone and Weather
- TEMP RANGE** : -40° C +100° C (-40° F +212° F)
- APPLICATIONS** : For Oil / Fuel / Water / Air / Anti-freeze / Grease
- PROPERTIES** : Oil-fuel Resistance
Excellent Weather Resistance
Uniform Thickness
Low temperature flexibility
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Red/Black
Finish - Smooth/Wrapped - Upto 1"
Wrapped - From 1.1/4" to 2"
- APPLICABLE STD** : Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVMP118-06	1/4	6	13	20	300	60	900	1.8	45	0.160	100/50
EVMP118-08	5/16	8	15	20	300	60	900	2.7	69	0.200	100/50
EVMP118-10	3/8	10	17	20	300	60	900	3.3	85	0.240	100/50
EVMP118-12	1/2	12.5	21	20	300	60	900	4.3	109	0.320	100/50
EVMP118-16	5/8	16	24	20	300	60	900	5.7	145	0.410	100/50
EVMP118-19	3/4	19	27	20	300	60	900	6.5	165	0.500	100/50
EVMP118-25	1	25	35	20	300	60	900	8.5	215	0.700	100/50
EVMP118-32	1.1/4	32	43.5	20	300	60	900	10.0	255	1.200	60/40
EVMP118-38	1.1/2	38	50	20	300	60	900	12.0	305	1.450	60/40
EVMP118-51	2	51	64	20	300	60	900	16.7	425	2.000	40

Note : Taco shell packing available in 25, 50 and 100 ft up to 1" with (1/4 NPT) and without fittings



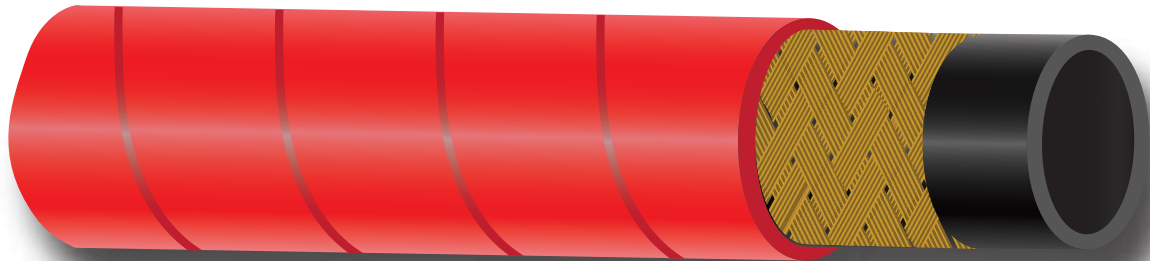
STEAM HOSE TEXTILE BRAIDED



- TUBE** : Heat resistant EPDM rubber compound
- REINFORCEMENT** : One or multiple layers of Textile reinforced subjected to ID (3/4", 1", 1.1/4", 1.1/2" and 2" double braid)
- COVER** : Heat resistant EPDM rubber compound resistant to heat, ozone & ageing
- TEMP RANGE** : Service temperature upto + 160° C (+320°F)
- APPLICATIONS** : It is used in refineries, shipyards, chemical plants, steel mills, foundries and heavy industries for steam applications that can be resisted upto 160° C at a constant pressure of 90 PSI
- PROPERTIES** : Uniform Thickness
Highly flexible
High temperature
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer cover - Black
Finish - Wrapped
- APPLICABLE STD** : IS 10655 TYPE I , ISO 6134

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	Kg/m	Mtr
EVST120-10	3/8	10	19	6	90	60	900	4.9	125	0.286	100/50
EVST120-12	1/2	12.5	23	6	90	60	900	7.1	180	0.380	100/50
EVST120-16	5/8	16	26	6	90	60	900	7.9	200	0.429	50
EVST120-19	3/4	19	30	6	90	60	900	9.4	240	0.490	50
EVST120-25	1	25	37	6	90	60	900	11.8	300	0.685	50
EVST120-32	1.1/4	32	43	6	90	60	900	15.7	400	0.842	40
EVST120-38	1.1/2	38	52	6	90	60	900	19.7	500	1.181	40
EVST120-51	2	51	66	6	90	60	900	25.6	650	1.927	40

STEAM HOSE

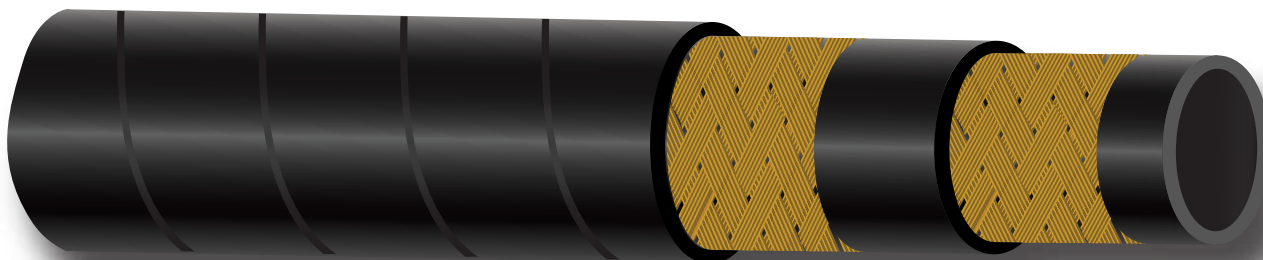


- TUBE** : Heat resistant EPDM rubber compound
- REINFORCEMENT** : One braid of high-tensile steel wire
- COVER** : Heat resistant EPDM rubber compound resistant to heat, ozone & ageing
- TEMP RANGE** : Service temperature upto + 185° C (+365° F)
- APPLICATIONS** : Used in refineries, shipyards, chemical plants, Steel mills, foundries and heavy industries for steam applications that can be resisted upto 185° C at a constant pressure of 150 PSI
- PROPERTIES** : High Temperature
Heat Resistance
Flexible
Uniform Thickness
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer Cover - Black / Red
Finish - Wrapped
- APPLICABLE STD** : IS 10655 TYPE II, BS 5342 TYPE 1

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	Kg/m	Mtr
EVST121-10	3/8	10	19	10	150	100	1500	4.9	125	0.360	60
EVST121-12	1/2	12.5	23	10	150	100	1500	7.1	180	0.400	60
EVST121-16	5/8	16	27	10	150	100	1500	7.9	200	0.510	60
EVST121-19	3/4	19	29	10	150	100	1500	9.4	240	0.620	60
EVST121-25	1	25	36	10	150	100	1500	11.8	300	0.780	60
EVST121-32	1.1/4	32	43	10	150	100	1500	15.7	400	1.281	40



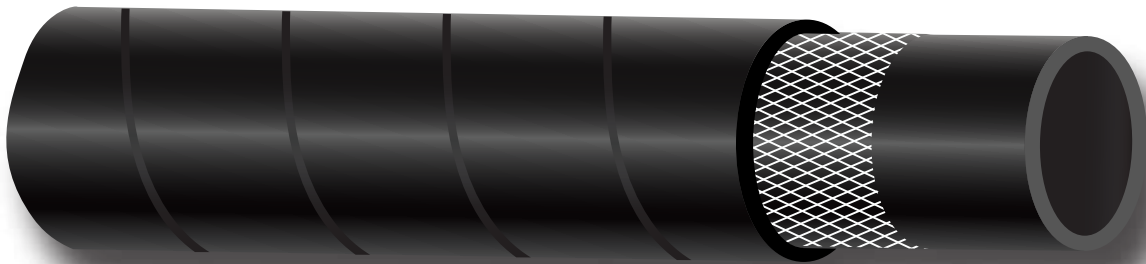
STEAM HOSE SUPER SATURATED



- TUBE** : Heat resistant EPDM rubber compound
- REINFORCEMENT** : Double braid of high-tensile steel wire
- COVER** : heat resistant EPDM rubber compound resistant to heat, ozone & ageing
- TEMP RANGE** : Service temperature upto + 210° C (+410° F)
- APPLICATIONS** : Used in refineries, shipyards, chemical plants, Steel mills, foundries and heavy industries for steam applications that can be resisted upto 210° C at a constant pressure of 250 PSI
- PROPERTIES** : High Temperature
Heat Resistance
Highly flexible
Uniform Thickness
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Red / Black
Finish - Wrapped
- APPLICABLE STD** : IS 10655 TYPE III ,BS 5342 TYPE 2 , ISO 6134

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVST122-10	3/8	10	21	17	250	170	2500	4.9	125	0.450	60
EVST122-12	1/2	12.5	25	17	250	170	2500	7.1	180	0.500	60
EVST122-16	5/8	16	29	17	250	170	2500	7.9	200	0.650	60
EVST122-19	3/4	19	31	17	250	170	2500	9.4	240	0.750	60
EVST122-25	1	25	38	17	250	170	2500	11.8	300	0.975	60
EVST122-32	1.1/4	32	46	17	250	170	2500	15.7	400	1.190	40
EVST122-38	1.1/2	38	51	17	250	170	2500	19.7	500	1.340	40
EVST122-51	2	51	67	17	250	170	2500	25.6	650	2.130	40

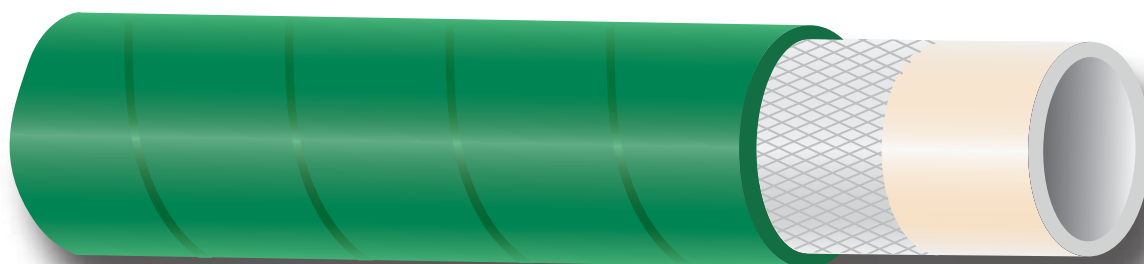
CHEMICAL HOSE



- TUBE** : Specially compounded chemical resistant EPDM rubber, black
- REINFORCEMENT** : One or multiple layers of Textile reinforced subjected to ID (1", 1.1/4", 1.1/2" and 2" double braid)
- COVER** : Perforated synthetic rubber cover - EPDM
- TEMP RANGE** : -30° C + 100° C (-22° F +212° F)
- APPLICATIONS** : For conveyance of a wide range of chemicals such as acid alkalis inorganic in salt and alcoholic material
- PROPERTIES** : Chemical resistance
Uniform Thickness
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Black
Finish - Wrapped
- APPLICABLE STD** : IS 7654 TYPE I

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVCM123-12	1/2	12.5	22	12	170	48	700	4.7	120	0.350	100/50
EVCM123-19	3/4	19	30	12	170	48	700	5.9	150	0.575	100/50
EVCM123-25	1	25	38	12	170	48	700	7.9	200	0.795	50
EVCM123-32	1.1/4	32	45	12	170	48	700	9.8	250	0.881	40
EVCM123-38	1.1/2	38	52	12	170	48	700	11.8	300	1.345	40
EVCM123-51	2	51	66	12	170	48	700	16.5	420	1.734	40

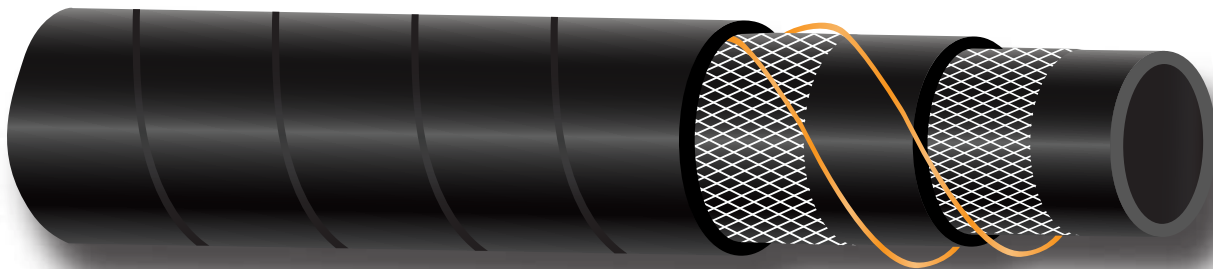
NON - CONDUCTIVE CARBON FREE HOSE



TUBE	: Specially engineered non-conductive rubber, white
REINFORCEMENT	: One or multiple layers of Textile reinforced subjected to ID (1", 1.1/4", 1.1/2" and 2" double braid)
COVER	: Non-conductive synthetic rubber resistant to Weather and ozone
TEMP RANGE	: -40°C + 100° C Approx. (-40° F +212° F Approx.)
APPLICATIONS	: Electrical coolant application; Conveying coolants in furnace, specially designed for low leakage currents, leakage current levels less than 20 Micro Amps at 6000V DC
PROPERTIES	: Heat Resistance Weather Resistance Non-conductive tube and cover Uniform thickness
STANDARD COLOUR AND FINISH	: Inner tube - White Outer Cover - Green Finish - Wrapped
APPLICABLE STD	: Elastohose Proprietary Product

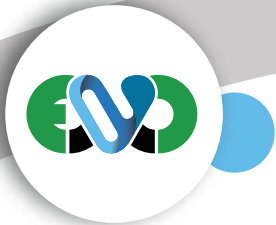
PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVCF119-10	3/8	10	17.2	20	300	70	1015	3.9	100	0.235	100/50
EVCF119-12	1/2	12.5	21.5	20	300	70	1015	4.3	110	0.367	100/50
EVCF119-16	5/8	16	24.8	20	300	70	1015	4.5	115	0.425	100/50
EVCF119-19	3/4	19	31	20	300	70	1015	4.9	125	0.731	100/50
EVCF119-25	1	25	37	20	300	70	1015	5.9	150	0.900	100/50
EVCF119-32	1.1/4	32	45	20	300	70	1015	7.9	200	1.180	60/40
EVCF119-38	1.1/2	38	53	20	300	70	1015	8.9	225	1.608	60/40
EVCF119-51	2	51	66	20	300	70	1015	11.8	300	2.187	40

SANDBLAST HOSE

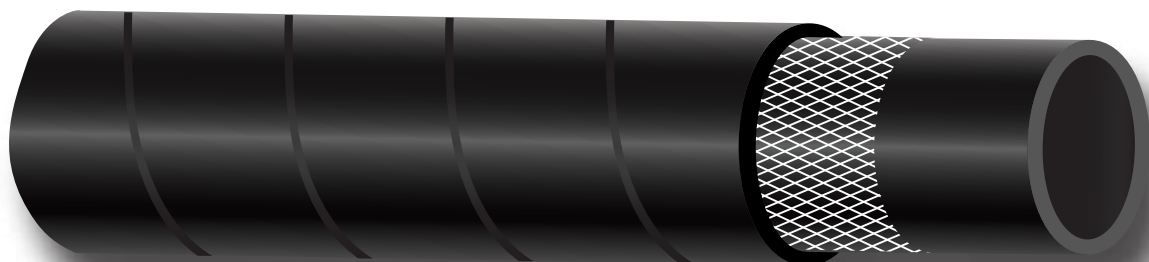


- TUBE** : Antistatic NR/PBR blend rubber with excellent abrasion resistance
- REINFORCEMENT** : Two braids of High tensile synthetic Yarn with anti-static copper flex wire
- COVER** : NR/ SBR cover - resistant to abrasion and weather
- TEMP RANGE** : -40°C + 80°C (-40°F to +176°F)
- APPLICATIONS** : Suitable for Conveying all commonly used material for blasting, such as steel shot, steel grit, garnet, copper slag, coal slag, Aluminium Oxide, Glass Breeds etc.
- PROPERTIES** : High Abrasion resistance (abrasion loss of the tube according to ISO 4649: 50+5mm³)
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer Cover - Black
Finish - Wrapped
- APPLICABLE STANDARD** : IS 5894 , ISO 3861

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVSA111-12a	1/2	12.5	27	12	175	36	525	5.9	150	0.550	40
EVSA111-12b	1/2	12.5	33	12	175	36	525	6.7	170	0.830	40
EVSA111-19a	3/4	19	33	12	175	36	525	6.9	175	0.720	40
EVSA111-19b	3/4	19	38	12	175	36	525	7.9	200	1.040	40
EVSA111-25a	1	25	40	12	175	36	525	9.1	230	0.900	40
EVSA111-25b	1	25	48	12	175	36	525	11.8	300	1.440	40
EVSA111-32a	1.1/4	32	48	12	175	36	525	10.0	255	1.160	40
EVSA111-32b	1.1/4	32	54	12	175	36	525	12.6	320	1.880	40
EVSA111-38a	1.1/2	38	54	12	175	36	525	11.8	300	1.460	40
EVSA111-38b	1.1/2	38	60	12	175	36	525	17.7	450	2.010	40
EVSA111-51a	2	51	68	12	175	36	525	25.6	650	2.130	40
EVSA111-51b	2	51	73	12	175	36	525	27.6	700	2.700	40



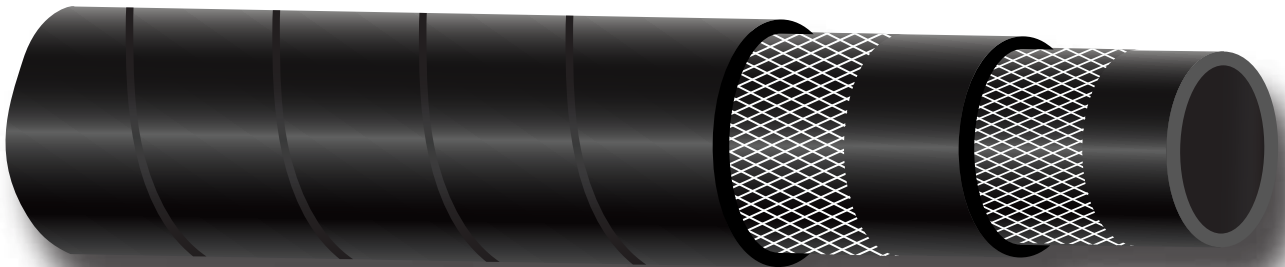
PNEUMATIC TOOL HOSE



- TUBE** : Specially Compounded Synthetic Rubber, Black
- REINFORCEMENT** : One or multiple layers of Textile reinforced subjected to ID (1", 1.1/4", 1.1/2" and 2" double braid)
- COVER** : Specially designed natural rubber compound resistant to weather, abrasion and ageing
- TEMP RANGE** : -30° C +82° C approx. (-22° F +180° F)
- APPLICATIONS** : For heavy duty applications in industries & pneumatic tools that use compressed air applications
- PROPERTIES** : Weather Resistance
Heavy duty
Abrasion resistance
Flexible
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer Cover - Black
Finish - Smooth/ Wrapped - Upto 1"
Wrapped - from 1.1/4" to 2"
- APPLICABLE STD** : Exceeds IS 446 - type II

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm		mm	bar	psi	bar	psi	Inch		
EVPN124-06	1/4	6	13	14	200	56	800	2.6	65	0.190	100
EVPN124-08	5/16	8	15	14	200	56	800	3.0	75	0.250	100
EVPN124-10	3/8	10	17	14	200	56	800	3.9	100	0.280	100
EVPN124-12	1/2	12.5	20.5	14	200	56	800	4.7	120	0.360	100
EVPN124-19	3/4	19	27.5	14	200	56	800	5.9	150	0.580	100
EVPN124-25	1	25	37	14	200	56	800	7.9	200	0.950	50
EVPN124-32	1.1/4	32	43	14	200	56	800	9.8	250	1.200	50
EVPN124-38	1.1/2	38	50	14	200	56	800	11.8	300	1.400	50
EVPN124-51	2	51	64	14	200	56	800	16.5	420	1.800	40

CAR WASH HOSE TEXTILE BRAIDED

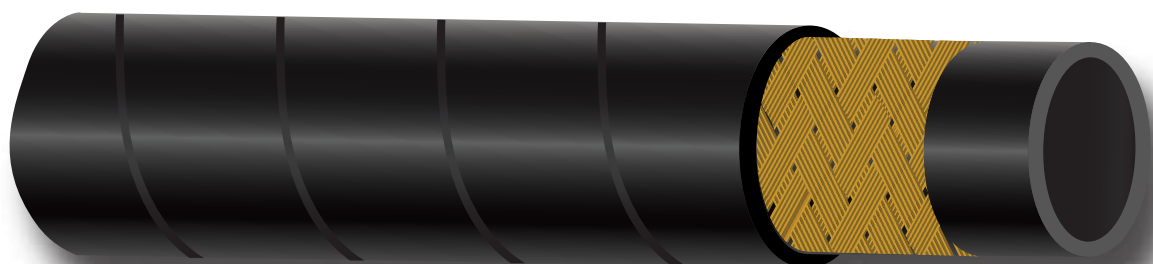


- TUBE** : Modified synthetic rubber blend
- REINFORCEMENT** : Double braid high tenacity synthetic yarn
- COVER** : Synthetic rubber with excellent ageing, abrasion & weather resistance
- TEMP RANGE** : -25° C +80° C (-13° F +176° F)
- APPLICATIONS** : Suitable for use in automobile service station for pressurised water application
- PROPERTIES** : Weather Resistance
Abrasion Resistance
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer tube - Black
Finish - Wrapped
- APPLICABLE STD** : Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm		
EVCW133-10	3/8	10	19	28	400	112	1600	3.9	100	0.330	100/50
EVCW133-12	1/2	12.5	23	28	400	112	1600	4.9	125	0.470	100/50



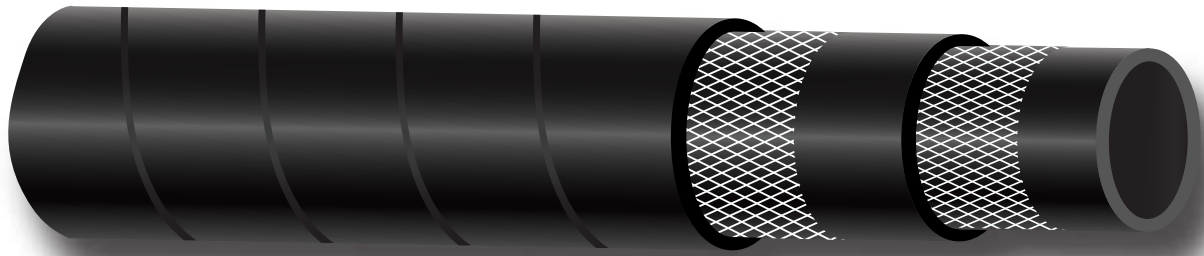
CAR WASH HOSE WIRE BRAIDED



- TUBE** : Modified natural & synthetic blend of rubber compound
- REINFORCEMENT** : Single steel wire braid
- COVER** : Synthetic rubber with excellent ageing, abrasion & weather resistance
- TEMP RANGE** : -30° C + 80° C (-22° F +176° F)
- APPLICATIONS** : Suitable for use in automobile service station for pressurized water application
- PROPERTIES** : Uniform thickness
Highly flexible
High abrasion
- STANDARD COLOUR AND FINISH** : Inner tube - black
Outer tube - black
Finish - Wrapped
- APPLICABLE STD** : Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm		mm	bar	psi	bar	psi	Inch		
EVCW134-10	3/8	10	19	75	1080	300	4320	3.5	90	0.310	100/50
EVCW134-12	1/2	12.5	22	75	1080	300	4320	4.5	115	0.400	100/50

ROCK DRILL HOSE

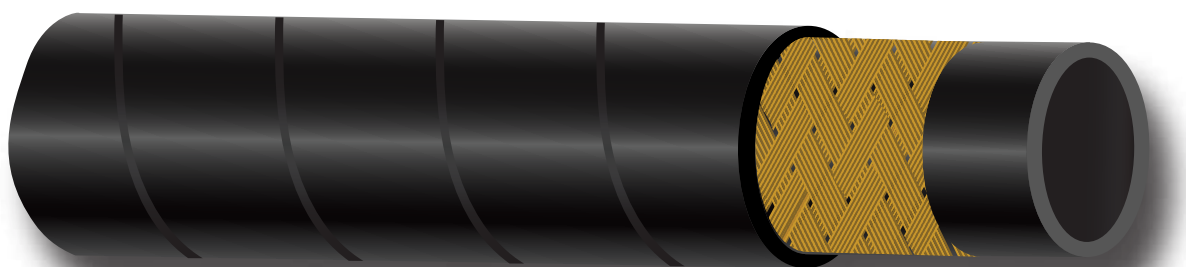


- TUBE** : Synthetic rubber based compound (resistant to long term air + oil mist effect)
- REINFORCEMENT** : Double braid of high-tenacity synthetic yarn
- COVER** : Modified synthetic rubber blend compound resistant to ageing & abrasion
- TEMP RANGE** : - 30° C + 80° C (-22° F +176° F)
- APPLICATIONS** : Heavy duty pneumatic application in industry, construction, open cast mines & quarries
- PROPERTIES** : Seamless
Uniform thickness
Flexible
High abrasion resistance
- STANDARD COLOUR AND FINISH** : Inner tube - black
Outer cover - black
Finish - Wrapped
- APPLICABLE STD** : Exceeds IS 446 - Type 3

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVRD126-12	1/2	12.5	23	21	310	84	1240	4.7	120	0.412	100/50
EVRD126-19	3/4	19	30	21	310	84	1240	5.9	150	0.603	100/50
EVRD126-25	1	25	38	21	310	84	1240	7.9	200	0.950	100/50
EVRD126-32	1.1/4	32	45	21	310	84	1240	9.8	250	1.257	60/40
EVRD126-38	1.1/2	38	52	21	310	84	1240	11.8	300	1.583	60/40
EVRD126-51	2	51	66	21	310	84	1240	16.5	420	2.204	40



SUPER ROCK DRILL HOSE

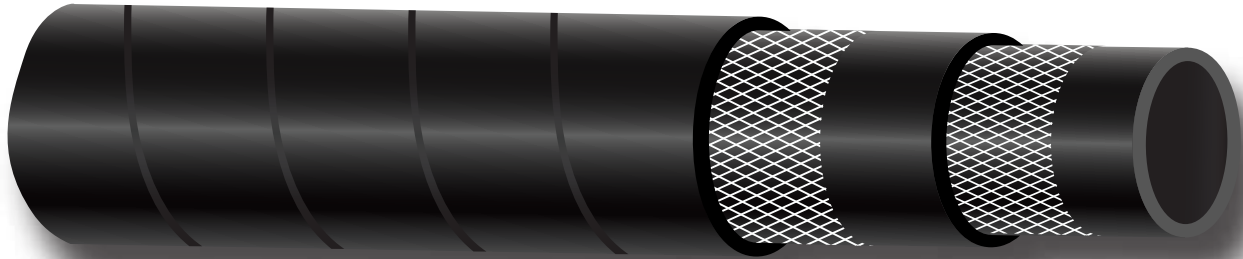


- TUBE** : Specially designed oil resistant synthetic rubber
- REINFORCEMENT** : One braid of high tensile steel wire
- COVER** : Nitrile rubber resistant to oil, weather and abrasion
- TEMP RANGE** : -30° C + 80° C (-22° F +176° F)
- APPLICATIONS** : Heavy duty pneumatic application in industry, construction, open cast mines & quarries
- PROPERTIES** : Oil Mist resistance
Weather Resistance
Abrasion Resistance
- STANDARD COLOUR AND FINISH** : Inner tube - black
Outer cover - Black
Finish - Wrapped
- APPLICABLE STD** : Exceeds IS 446 - Type III

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVSD127-19	3/4	19	27.5	35	500	140	2000	9.4	240	0.660	50
EVSD127-25	1	25	36	35	500	140	2000	11.8	300	0.920	50
EVSD127-32	1.1/4	32	45	35	500	140	2000	15.7	400	1.340	40
EVSD127-38	1.1/2	38	50.5	35	500	140	2000	19.7	500	1.480	40
EVSD127-51	2	51	63.5	35	500	140	2000	25.6	650	1.980	40



SUPER SPRAY HOSE

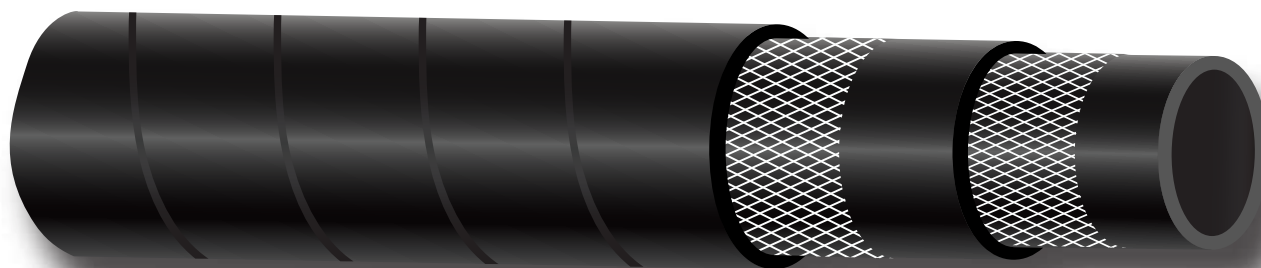


- TUBE** : Modified Nitrile Rubber Compound, Black
- REINFORCEMENT** : Double braided high tensile yarn
- COVER** : Synthetic Rubber resistance to weather , ozone and abrasion
- TEMP RANGE** : -30° C +82° C approx. (-22° F +180° F)
- APPLICATIONS** : For very high pressure spray applications like pesticides and chemicals in agriculture and forestry
- PROPERTIES** : High Pressure
Weather resistance
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Black
Finish - Wrapped
- APPLICABLE STD** : IS 1677 Type 3A

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVSS128-08	5/16	8	18	55	800	165	2400	3.1	80	0.320	100
EVSS128-10	3/8	10	20	55	800	165	2400	4.0	102	0.370	100
EVSS128-12	1/2	12.5	23.5	55	800	165	2400	5.0	127	0.490	100



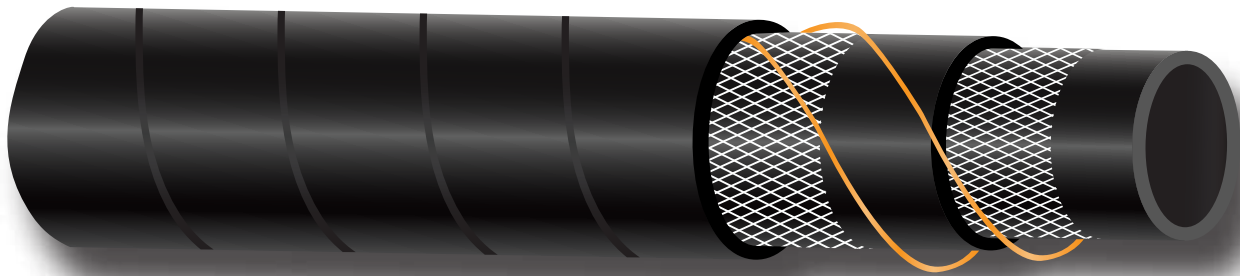
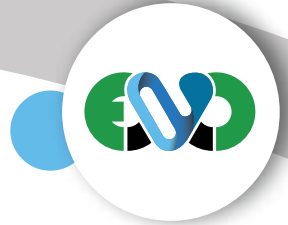
AIR - WATER DELIVERY HOSE



- TUBE** : Specially compounded synthetic rubber
- REINFORCEMENT** : High tensile textile yarn
- COVER** : Black Synthetic Elastomer - abrasion and ozone resistant
- TEMP RANGE** : -30° C +80° C (-22° F +176° F)
- APPLICATIONS** : Air and water delivery
- PROPERTIES** : Uniform Thickness
Seamless
Very strong
- STANDARD COLOUR AND FINISH** : Inner tube - black
Outer cover - black
Finish - Wrapped
- APPLICABLE STD** : Elastohose Proprietary Product

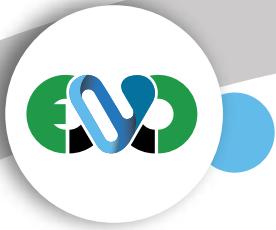
PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVAW135-19	3/4	19	28.5	10	150	30	450	6.0	152	0.500	60/40
EVAW135-25	1	25	35.5	10	150	30	450	7.9	200	0.790	60/40
EVAW135-32	1.1/4	32	43	10	150	30	450	9.8	250	1.000	40
EVAW135-38	1.1/2	38	50	10	150	30	450	11.8	300	1.300	40
EVAW135-51	2	51	63.5	10	150	30	450	16.5	420	1.950	40

FUEL / OIL DELIVERY HOSE

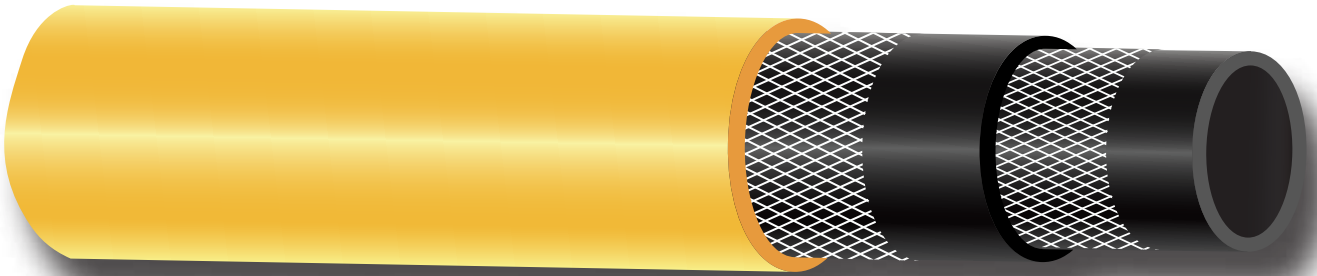


- TUBE** : Black synthetic oil Resistant elastomer
- REINFORCEMENT** : High tensile textile cords - antistatic wire ID >= 13mm
- COVER** : Black synthetic elastomer - abrasion, ozone and hydrocarbon resistant
- TEMP RANGE** : -20° C +80° C (-4° F +176° F)
- APPLICATIONS** : General purpose fuel and oil delivery
- PROPERTIES** : Oil Resistance
Flexible
Abrasion Resistance
Ozone resistance
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Black
Finish - Wrapped
- APPLICABLE STD** : Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm		mm	bar	psi	bar	psi	Inch		
EVFO136-19	3/4	19	31	20	300	60	900	6.7	170	0.650	100/50
EVFO136-25	1	25	38	20	300	60	900	8.3	210	0.950	100/50
EVFO136-32	1.1/4	32	45	20	300	60	900	11.0	280	1.200	60/40
EVFO136-38	1.1/2	38	52	20	300	60	900	13.8	350	1.450	60/40
EVFO136-45	1.3/4	45	59	20	300	60	900	14.8	375	1.850	60/40
EVFO136-51	2	51	65	20	300	60	900	17.7	450	2.150	40



MINING HOSE



- TUBE** : Black, Synthetic rubber (SBR/NR)
- REINFORCEMENT** : Double braid of high-tenacity synthetic yarn
- COVER** : Yellow/Blue, Ozone and weather Resistant Synthetic Rubber (SBR/NR)
- TEMP RANGE** : -25° C +80° C (-13° F +176° F)
- APPLICATIONS** : For compressed air brake line system on trailer, trucks and buses.
- PROPERTIES** : Uniform Thickness
Weather resistance
Ozone resistance
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Yellow/Blue
Finish - Smooth or wrapped
- APPLICABLE STD** : DIN20018

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVMH147-06	1/4	6	15	20	300	80	1200	2.4	60	0.260	100/50
EVMH147-08	5/16	8	17	20	300	80	1200	3.1	80	0.310	100/50
EVMH147-10	3/8	10	19	20	300	80	1200	3.9	100	0.360	100/50
EVMH147-11	1/2	12.5	23.5	20	300	80	1200	4.3	110	0.500	100/50
EVMH147-12	5/8	16	26.5	20	300	80	1200	5.5	140	0.570	100/50
EVMH147-14	3/4	19	30	20	300	80	1200	6.3	160	0.690	100/50
EVMH147-16	1	25	37.5	20	300	80	1200	8.3	210	0.950	100/50

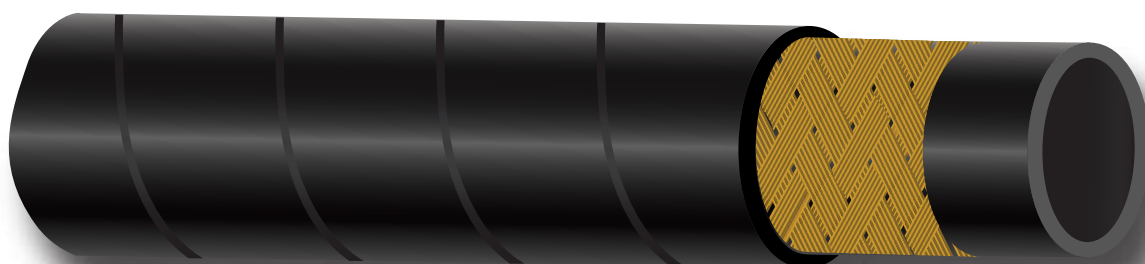


HYDRAULIC HOSES

YOUR DEMAND IS OUR QUALITY!



SAE 100 R1 AT



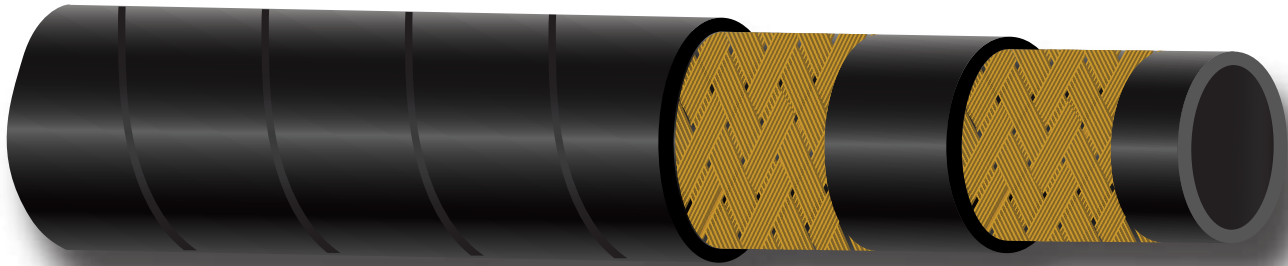
- TUBE** : Black, oil-resistant synthetic rubber (NBR)
- REINFORCEMENT** : Single braided high tensile steel wire
- COVER** : Black, oil and abrasion-resistant synthetic rubber
- TEMP RANGE** : -40° C +100° C ; +120° C intermittent (-40° F +212° F ; +248° F intermittent)
- APPLICATIONS** : For medium to high pressure Hydraulic Lines applied in various applications like earthmoving and other industries
- PROPERTIES** : Uniform Thickness High Pressure Flexible
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer Cover - Black
Finish - Wrapped
- APPLICABLE STD** : SAEJ517-100R1AT/EN853-1SN/ISO 1436

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm		mm	bar	psi	bar	psi	Inch	
EV1R555-06	1/4	6.4	13.2	225	3265	900	13050	3.9	100	0.250
EV1R555-08	5/16	8	14.8	215	3120	860	12470	4.5	115	0.270
EV1R555-10	3/8	9.5	17.2	180	2610	720	10440	4.9	125	0.340
EV1R555-12	1/2	12.7	20.4	160	2320	640	9280	7.1	180	0.455
EV1R555-16	5/8	16	23.5	130	1885	520	7540	7.9	200	0.550
EV1R555-19	3/4	19	27.5	105	1525	420	6090	9.4	240	0.675
EV1R555-25	1	25.4	35.4	90	1305	355	5150	11.8	300	1.025
EV1R555-32	1.1/4	31.8	43.5	65	945	255	3700	16.5	420	1.250
EV1R555-38	1.1/2	38.1	50	50	725	200	2900	19.7	500	1.600
EV1R555-51	2	50.8	63.6	40	580	160	2320	25.0	635	2.150

Note (Impulse Cycle) : 200,000; Tested upto 300,000 cycles, upto 1" I.D.

Also available in smooth finish up to 3/4" at additional cost

SAE 100 R2 AT

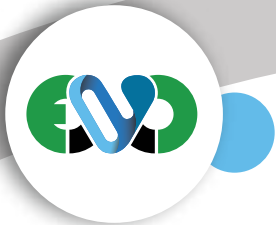


- TUBE** : Black, oil-resistant synthetic rubber (NBR)
- REINFORCEMENT** : Double braided high tensile steel wire
- COVER** : Black, oil and abrasion-resistant synthetic rubber
- TEMP RANGE** : -40° C +100° C ; +120° C intermittent (-40° F +212° F; +248° F intermittent)
- APPLICATIONS** : For high pressure Hydraulic Lines applied in various applications like earthmoving and other industries
- PROPERTIES** : Uniform Thickness
High Pressure
Flexible
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer Cover - Black
Finish - Wrapped
- APPLICABLE STD** : SAE 100 R2 AT/DIN EN853 2SN

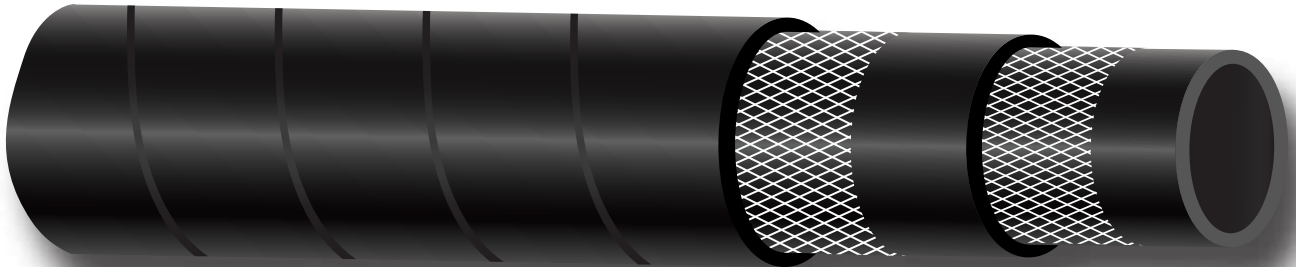
PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm		mm	bar	psi	bar	psi	Inch	
EV2R556-06	1/4	6.4	15	400	5800	1600	23200	3.9	100	0.350
EV2R556-08	5/16	8	16.5	350	5075	1400	20300	4.5	115	0.400
EV2R556-10	3/8	9.5	18.9	330	4785	1320	19140	5.0	127	0.500
EV2R556-12	1/2	12.7	22.2	275	3988	1100	15950	7.0	178	0.650
EV2R556-16	5/8	16	25.2	250	3625	1000	14500	7.9	200	0.800
EV2R556-19	3/4	19	29.2	215	3118	860	12470	9.5	241	0.940
EV2R556-25	1	25.4	37.2	165	2393	660	9570	11.8	300	1.360
EV2R556-32	1.1/4	31.8	47.3	125	1813	500	7250	16.5	420	1.900
EV2R556-38	1.1/2	38.1	53.7	90	1305	360	5220	19.7	500	2.300
EV2R556-51	2	50.8	66.7	80	1160	320	4640	25.0	635	2.950

Note (Impulse Cycles) : 250,000; Tested upto 350,000 cycles, upto 1" I.D.

Also available in smooth finish up to 3/4" at additional cost



SAE 100 R3

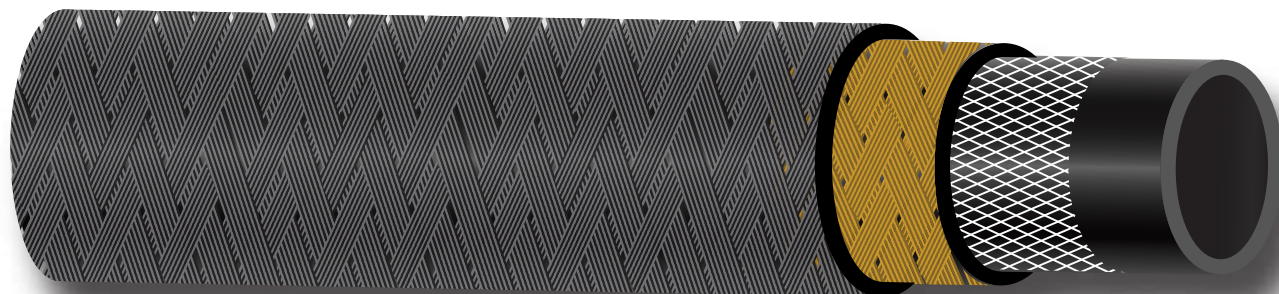


TUBE	: Black, oil-resistant synthetic rubber (NBR)
REINFORCEMENT	: Double braided high tensile yarn
COVER	: Black, oil and abrasion-resistant synthetic rubber
TEMP RANGE	: -40° C +100° C approx. (-40° F +212° F approx.)
APPLICATIONS	: For medium pressure Hydraulic Lines applied in various applications like earthmoving and other adjacent industries
PROPERTIES	: Uniform Thickness High Pressure Flexible
STANDARD COLOUR AND FINISH	: Inner Tube - Black Outer Cover - Black Finish - Wrapped
APPLICABLE STD	: SAE 100 R3/DIN EN854

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EV3R557-06	1/4	6	14.3	87	1250	348	5046	3.0	76	0.160	100+
EV3R557-08	5/16	8	17.5	84	1218	336	4872	4.0	101	0.240	100+
EV3R557-10	3/8	10	19.1	78	1131	312	4524	4.0	101	0.280	100+
EV3R557-12	1/2	12.5	23.5	70	1015	280	4060	5.0	127	0.380	100+
EV3R557-16	5/8	16	27	61	885	244	3538	5.5	140	0.450	100+
EV3R557-19	3/4	19	31.8	52	754	208	3016	6.0	152	0.630	100+
EV3R557-25	1	25	38	39	566	156	2250	11.9	303	0.750	100
EV3R557-32	1.1/4	32	44.5	26	377	104	1500	10.0	254	0.970	50
EV3R557-38	1.1/2	38	51	17	247	68	986	12.0	305	1.230	50
EV3R557-51	2	51	-	15	218	60	870	16.1	409	-	40

Note (Impulse Cycle) : 200,000

SAE 100 R5 C

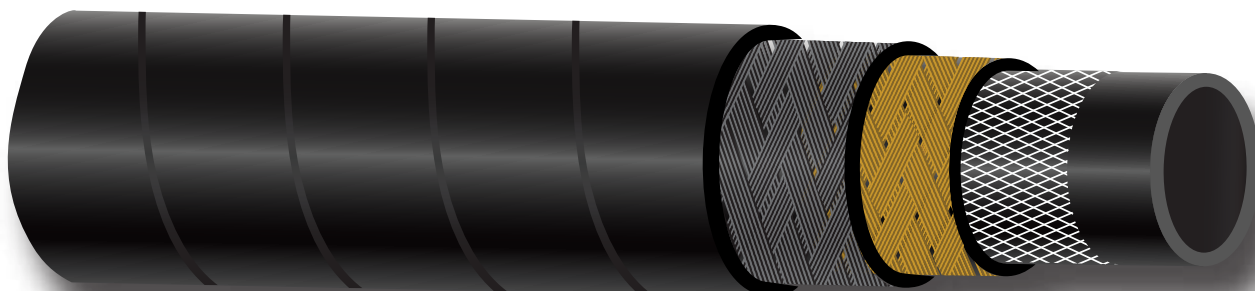


TUBE	: Black, Oil Resistant NBR Tube
REINFORCEMENT	: Single braided high tensile steel wire over one braid of yarn
COVER	: Cotton Yarn Braided Cover
TEMP RANGE	: -40° C +100° C Approx (-40° F +212° F Approx)
APPLICATIONS	: For medium pressure Oil Lubrication system in railway diesel engine
PROPERTIES	: Medium Temperature Uniform Thickness Flexible
STANDARD COLOUR AND FINISH	: Inner Tube - Black Outer Cover - Black Finish - Textile braid
APPLICABLE STD	: SAE 100 R5 C

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm		mm	bar	psi	bar	psi	Inch	
EV5R558-05	3/16	4.8	13.2	210	3045	840	12180	3.0	76	0.195
EV5R558-06	1/4	6.4	14.8	210	3045	840	12180	3.4	86	0.238
EV5R558-08	5/16	7.9	17.2	160	2320	640	9280	4.0	101	0.304
EV5R558-10	13/32	10.3	19.5	140	2030	560	8120	4.6	117	0.371
EV5R558-12	1/2	12.7	23.4	125	1815	500	7250	5.5	140	0.485
EV5R558-16	5/8	15.9	27.4	105	1525	420	6090	6.5	165	0.618
EV5R558-22	7/8	22.2	31.4	60	870	240	3480	7.4	188	0.670
EV5R558-29	1.1/8	28.9	38.1	45	655	180	2610	9.0	229	0.822
EV5R558-35	1.3/8	34.9	44.5	35	510	140	2030	10.5	267	1.007
EV5R558-46	1.13/16	46	58.9	25	365	100	1450	13.3	338	1.283



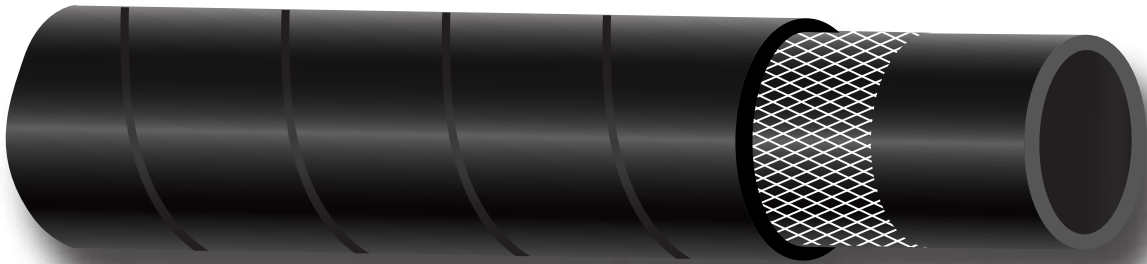
SAE 100 R5 R



TUBE	: Black, Oil Resistant NBR Tube
REINFORCEMENT	: Single braided high tensile steel wire over one braid of yarn
COVER	: Oil Resistant Rubber Impregnated Cover
TEMP RANGE	: -40° C +100° C approx. (-40° F +212° F approx.)
APPLICATIONS	: For medium pressure Oil Lubrication system in railway diesel engine
PROPERTIES	: Medium temperature Uniform Thickness Flexible
STANDARD COLOUR AND FINISH	: Inner Tube - Black Outer Cover - Black Finish - Wrapped
APPLICABLE STD	: SAE 100 R5 R

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	Kg/m
EV5R559-05	3/16	4.8	13.2	210	3045	840	12180	3.0	76	0.205
EV5R559-06	1/4	6.4	14.8	210	3045	840	12180	3.4	86	0.250
EV5R559-08	5/16	7.9	17.2	160	2320	640	9280	4.0	101	0.320
EV5R559-10	13/32	10.3	19.5	140	2030	560	8120	4.6	117	0.390
EV5R559-12	1/2	12.7	23.4	125	1815	500	7250	5.5	140	0.510
EV5R559-16	5/8	15.9	27.4	105	1525	420	6090	6.5	165	0.650
EV5R559-22	7/8	22.2	31.4	60	870	240	3480	7.4	188	0.705
EV5R559-29	1.1/8	28.9	38.1	45	655	180	2610	9.0	229	0.865
EV5R559-35	1.3/8	34.9	44.5	35	510	140	2030	10.5	267	1.060
EV5R559-46	1.13/16	46	58.9	25	365	100	1450	13.3	338	1.350

SAE 100 R6

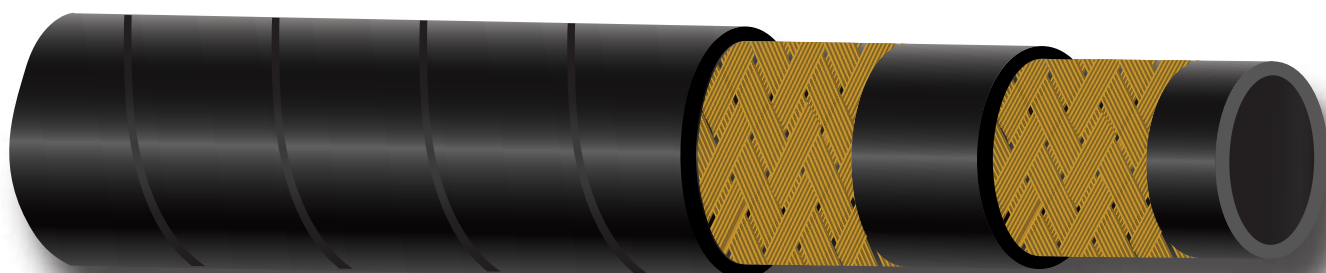


- TUBE** : Black, oil-resistant synthetic rubber (NBR)
- REINFORCEMENT** : Single braid high tensile yarn
- COVER** : Black, oil and abrasion-resistant synthetic rubber
- TEMP RANGE** : -40° C +100° C approx. (-40° F +212° F approx.)
- APPLICATIONS** : For low pressure hydraulic lines applied in various applications like earthmoving and other adjacent industries
- PROPERTIES** : Uniform Thickness
High Pressure
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer Cover - Black
Finish - Wrapped
- APPLICABLE STD** : SAE 100 R6/DIN EN854

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT	STD. LENGTH
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	Kg/m	Mtr
EV6R560-05	3/16	4.8	11.1	35	508	140	2030	2.0	50	0.118	100/50
EV6R560-06	1/4	6	12.7	35	508	140	2030	2.0	51	0.130	100/50
EV6R560-08	5/16	8	14.3	28	406	112	1624	2.5	64	0.150	100/50
EV6R560-10	3/8	10	16	28	406	112	1624	3.0	76	0.180	100/50
EV6R560-12	1/2	12.5	19.8	28	406	112	1624	3.0	76	0.230	100/50
EV6R560-16	5/8	16	23.1	24	348	112	1624	4.0	101	0.320	50
EV6R560-19	3/4	19	26.6	21	305	96	1392	5.0	127	0.430	50
EV6R560-25	1	25	32.5	15	210	84	1218	6.0	152	0.500	50



SAE 100 R16

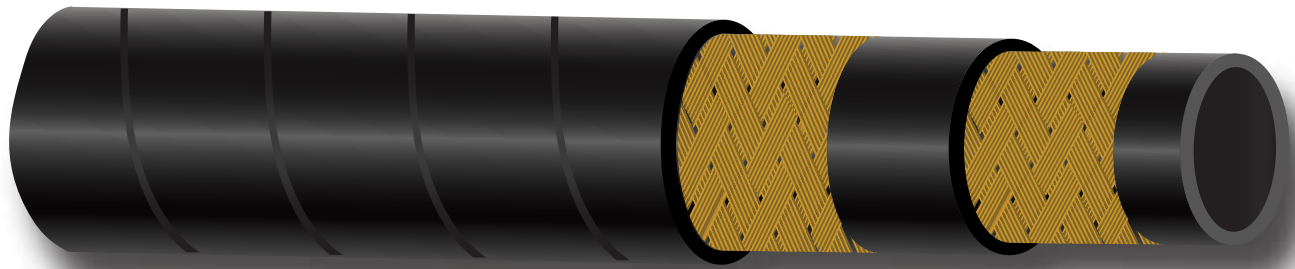


- TUBE** : Black, oil-resistant synthetic rubber (NBR)
- REINFORCEMENT** : Double braided high tensile steel wire
- COVER** : Wrap & Smooth Black, oil and abrasion-resistant synthetic rubber
- TEMP RANGE** : -40° C +100° C ; +120° C intermittent (-40° F +212° F ; +248° F intermittent)
- APPLICATIONS** : Petroleum based hydraulic fluids and lubricating oils
- PROPERTIES** : Uniform Thickness High Pressure
Flexible
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer Cover - Black
Finish - Wrapped
- APPLICABLE STD** : SAE 100 R16

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	
EVSR561-06	1/4	6.4	13.6	400	5800	1600	23200	2.0	50	0.285
EVSR561-08	5/16	8	15	350	5075	1400	20300	2.2	55	0.335
EVSR561-10	3/8	9.5	17.6	330	4785	1320	19140	2.6	65	0.410
EVSR561-12	1/2	12.7	20.7	275	3988	1100	15950	3.5	90	0.575
EVSR561-16	5/8	16	24.1	250	3625	1000	14500	3.9	100	0.685
EVSR561-19	3/4	19	28	215	3118	860	12470	4.7	120	0.810
EVSR561-25	1	25.4	35.6	165	2393	660	9570	5.9	150	1.170

NOTE : Also available in smooth finish up to 3/4" at additional cost

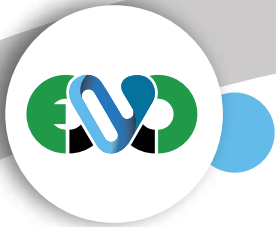
SAE 100 R17



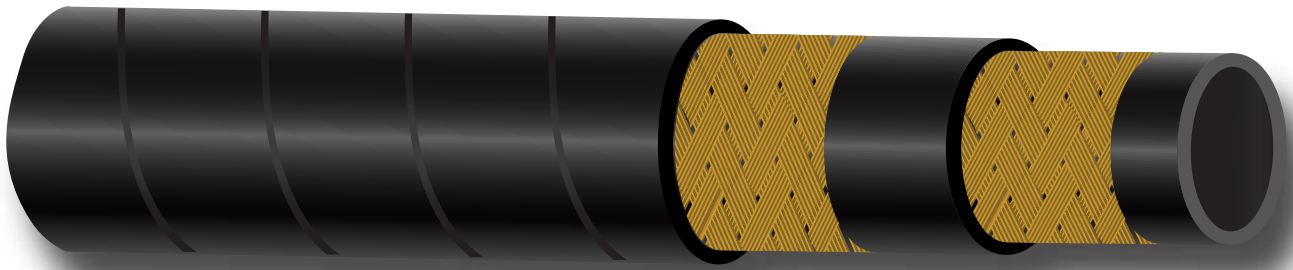
TUBE	: Black, oil-resistant synthetic rubber (NBR)
REINFORCEMENT	: High tensile steel wire single braid up to 1/2" and Double braid from 5/8" up to 1"
COVER	: Wrap & Smooth Black, oil and abrasion-resistant synthetic rubber
TEMP RANGE	: -40° C +100° C ; +120° C intermittent (-40° F +212° F; +248° F intermittent)
APPLICATIONS	: Petroleum based hydraulic fluids and lubricating oils with extra flexible routing
PROPERTIES	: Uniform Thickness High Pressure Flexible
STANDARD COLOUR AND FINISH	: Inner Tube - Black Outer Cover - Black Finish - Wrapped
APPLICABLE STD	: SAE 100 R17

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	
EV17R562-06	1/4	6.4	12.6	210	3045	840	12180	2.0	50	0.175
EV17R562-08	5/16	8	14.2	210	3045	840	12180	2.2	55	0.200
EV17R562-10	3/8	9.5	16.1	210	3045	840	12180	2.6	65	0.265
EV17R562-12	1/2	12.7	20.1	210	3045	840	12180	3.5	90	0.355
EV17R562-16	5/8	16	24.1	210	3045	840	12180	3.9	100	0.685
EV17R562-19	3/4	19	28	210	3045	840	12180	4.7	120	0.810
EV17R562-25	1	25.4	37.2	210	3045	840	12180	5.9	150	1.210

NOTE : Also available in smooth finish up to 3/4" at additional cost



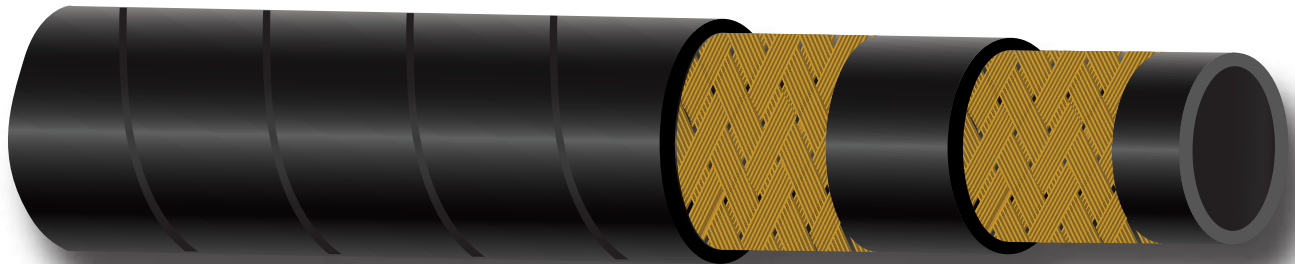
SUPER JACK HOSE



- TUBE** : Black, oil-resistant synthetic rubber (NBR)
- REINFORCEMENT** : Double braided high tensile steel wire
- COVER** : Wrap & Smooth Black, oil and abrasion-resistant synthetic rubber
- TEMP RANGE** : -40° C +100° C ; +120° C intermittent (-40° F +212° F; +248° F intermittent)
- APPLICATIONS** : For constant high pressure applications like Hydraulic Jacks
- PROPERTIES** : Uniform Thickness
High Pressure
Flexible
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer Cover - Black
Finish - Wrapped
- APPLICABLE STD** : Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	
EVSJ563-06	1/4	6.4	14.8	700	10150	1400	20300	4.0	102	0.377
EVSJ563-10	3/8	9.5	18.8	700	10150	1400	20300	5.0	127	0.550
EVSJ563-13	1/2	13	21.8	700	10150	1400	20300	7.1	180	0.645

LOADER HOSE

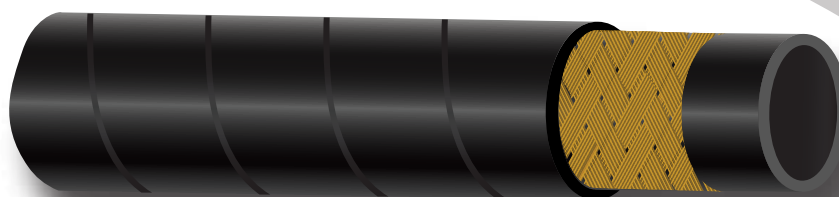


- TUBE** : Oil - resistant synthetic rubber
- REINFORCEMENT** : Two braid of high-tensile steel wire
- COVER** : Synthetic rubber oil, water, weather, ozone & abrasion resistant
- TEMP RANGE** : - 40° C +100° C (-40° F +212° F)
- APPLICATIONS** : Used for conveying abrasive materials like powder, metal chips, rounded metal wastes, solid or liquid stuff
- PROPERTIES** : Uniform thickness
Flexible
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer Cover - Black
Finish - Wrapped
- APPLICABLE STD** : Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm		mm	bar	psi	bar	psi	Inch	
EVLO565-12	1/2	12.5	22.5	345	5000	1380	20000	7.1	180	0.650
EVLO565-19	3/4	19	29.5	260	3750	1040	15000	9.4	240	0.940
EVLO565-25	1	25	38	220	3150	880	12600	11.8	300	1.360



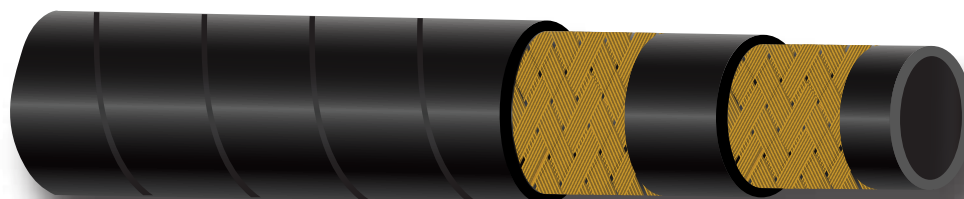
TRACTOR TROLLEY HOSE



SINGLE WIRE

- TUBE : Synthetic rubber suitable for hydraulic fluids
- REINFORCEMENT : One braid of high tensile steel wire
- COVER : Synthetic rubber oil/ water, weather, ageing resistant
- TEMP RANGE : -40° C +80° C (-40° F +176° F)
- APPLICATIONS : Hydraulic lifting trolley of tractor
- PROPERTIES : Uniform Thickness; Flexible
- STANDARD COLOUR AND FINISH : Inner Tube - Black; Outer Cover - Black; Finish - Wrapped
- APPLICABLE STD : Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m
	Inch	mm		bar	psi	bar	psi	Inch	mm	
EVTR566-10	3/8	10	17.2	170	2500	688	8000	4.9	125	0.350
EVTR566-12	1/2	12.5	20.3	138	2000	552	6000	7.1	180	0.420

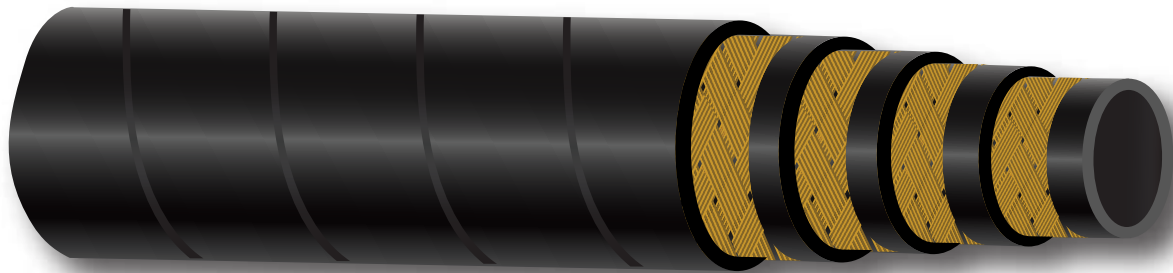


DOUBLE WIRE

- TUBE : Oil - resistant synthetic rubber compound
- REINFORCEMENT : Two braid of high-tensile steel wire
- COVER : Synthetic rubber oil / water, weather, ageing and abrasion - resistant
- TEMP RANGE : -40° C +80° C (-40° F +176° F)
- APPLICATIONS : For high pressure hydraulic application in tractor trolley
- PROPERTIES : Uniform Thickness; Flexible
- STANDARD COLOUR AND FINISH : Inner Tube - Black; Outer Cover - Black; Finish - Wrapped
- APPLICABLE STD : Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m
	Inch	mm		bar	psi	bar	psi	Inch	mm	
EVTR567-10	3/8	10	18.5	207	3000	1103	10000	4.9	125	0.395
EVTR567-12	1/2	12.5	21.7	172	2500	966	8000	7.1	180	0.505

R9 HOSE



- TUBE** : Oil resistant synthetic rubber
- REINFORCEMENT** : Four layers of high tensile steel wire spiral wire with reinforcing cloth
- COVER** : oil and weather resistant synthetic rubber
- TEMP RANGE** : -40 °C to +100 °C (-40 °F to + 212 °F)

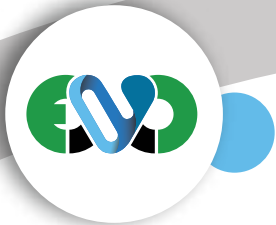
- APPLICATIONS** : It is suitable for hydraulic fluids delivery, such as alcohol, hydraulic oil, fuel oil, lubricating oil and emulsified oil. Suitable for high working pressure environment because of its high tensile reinforcement.

- PROPERTIES** : Uniform Thickness
High abrasion resistance

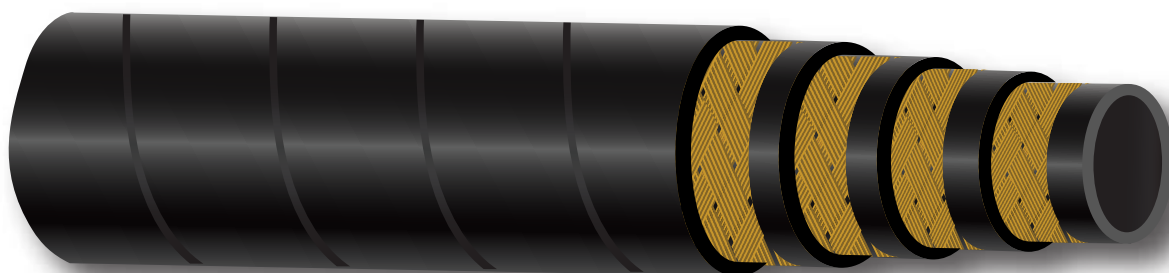
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer Cover - Black
Finish - Wrapped

- APPLICABLE STD** : SAE 100 R9

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m
	Inch	mm		bar	psi	bar	psi	Inch	mm	
EV9R568-06	1/4	6.4	18.4	500	7250	2000	29010	4.72	120	0.640
EV9R568-10	3/8	9.5	22.2	315	4570	1260	18275	5.12	130	0.750
EV9R568-12	1/2	12.7	25.4	280	4060	1120	16245	7.09	180	0.890
EV9R568-19	3/4	19	32.5	210	3045	840	12185	11.02	280	1.500
EV9R568-25	1	25.4	40.9	210	3045	840	12185	13.98	355	2.000
EV9R568-32	1.1/4	31.8	52.4	175	2540	700	10150	18.11	460	2.800
EV9R568-38	1.1/2	38.1	58.7	140	2030	560	8125	22.05	560	3.400
EV9R568-51	2	50.8	73	140	2030	560	8125	27.95	710	4.250



SAE 100 R12

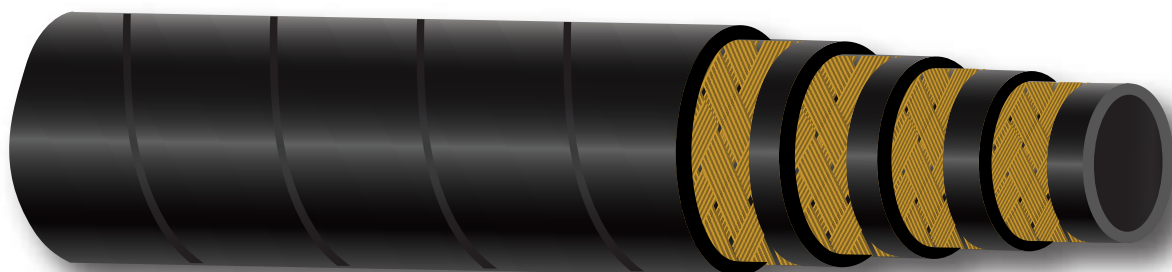


- TUBE** : Black colour, Synthetic rubber resistant to oil and water
- REINFORCEMENT** : Four high tensile steel wire spiral
- COVER** : Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone
- TEMP RANGE** : -40°C to +121°C (-40 °F to +250 °F)
- APPLICATIONS** : Heavy duty high temperature medium pressure hydraulic lines 175 to 280 bar and hydrostatic transmission lines for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving, Material handling equipments and machinerie
- PROPERTIES** : Uniform Thickness
High abrasion resistance
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer Cover - Black
Finish - Wrapped
- APPLICABLE STD** : SAE J517 - 100 R12 / EN 856 - R12 / ISO 3862

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m
	Inch	mm		bar	psi	bar	psi	Inch	mm	
EVWR569-10	3/8	9.7	17.2	280	4060	1120	16240	2.5	64	0.660
EVWR569-12	1/2	12.9	20.9	280	4060	1120	16240	3.5	89	0.852
EVWR569-16	5/8	16.1	24.5	280	4060	1120	16240	4.0	102	1.059
EVWR569-19	3/4	19.2	28	280	4060	1120	16240	4.8	121	1.134
EVWR569-25	1	25.7	34.9	280	4060	1120	16240	6.0	153	1.980
EVWR569-32	1.1/4	32.2	43.9	210	3045	840	12180	8.3	210	2.822
EVWR569-38	1.1/2	38.5	50.4	175	2540	700	10150	10.0	254	3.229
EVWR569-51	2	51.4	63.6	175	2540	700	10150	12.5	318	4.622

Impulse Cycles: 500,000 cycles

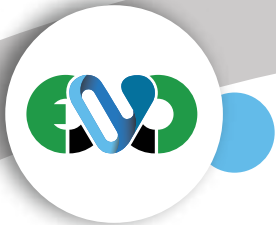
4SP



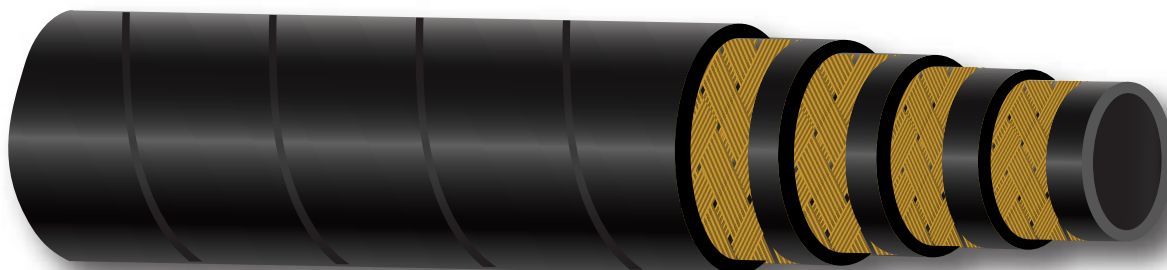
- TUBE** : Black colour, Synthetic rubber resistant to oil and water
- REINFORCEMENT** : Four high tensile steel wire spirals
- COVER** : Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone
- TEMP RANGE** : Continuous: -40°C to +100°C Intermittent: +120°C
(Continuous: -40°F to +212°F Intermittent: +248°F)
- APPLICATIONS** : Medium pressure Hydraulic Lines 165 to 450 bar and hydrostatic transmission lines for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving & Material handling equipments and machineries/systems
- PROPERTIES** : Uniform Thickness
High abrasion resistance
- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer Cover - Black
Finish - Wrapped
- APPLICABLE STD** : EN 856 - 4SP / ISO 3862

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	Kg/m
EV4P572-06	1/4	6.6	14.7	450	6525	1800	26100	5.9	150	0.627
EV4P572-10	3/8	9.7	17.5	445	6455	1780	25810	7.1	180	0.822
EV4P572-12	1/2	13	20.4	415	6020	1660	24070	9.1	230	0.994
EV4P572-16	5/8	16.2	23.8	350	5075	1400	20300	9.8	250	1.222
EV4P572-19	3/4	19.3	28.4	350	5075	1400	20300	11.8	300	1.605
EV4P572-25	1	25.9	35.5	280	4060	1120	16240	13.4	340	2.277
EV4P572-32	1.1/4	32.4	46	210	3045	840	12180	18.1	460	3.368
EV4P572-38	1.1/2	38.6	52.4	185	2685	740	10730	22.1	560	3.911
EV4P572-51	2	51.3	65.3	165	2395	660	9570	26.0	660	5.185

Impulse Cycles: 400,000 cycles



4SH

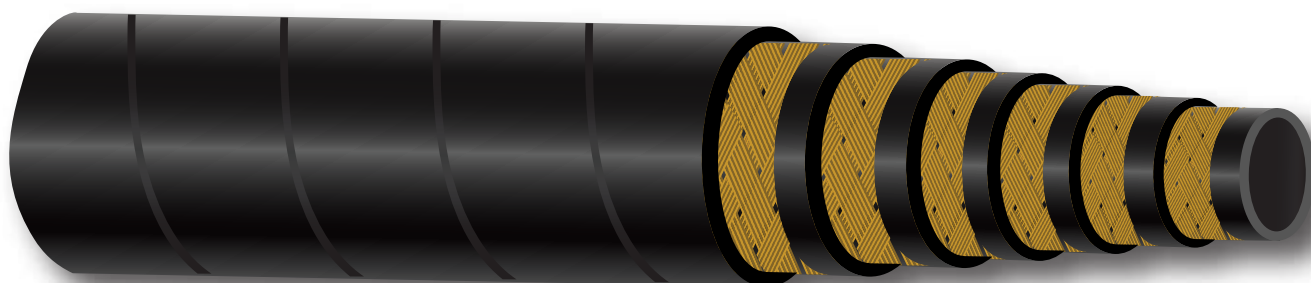


TUBE	: Black colour, Synthetic rubber resistant to oil and water
REINFORCEMENT	: Four high tensile steel wire spirals
COVER	: Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone
TEMP RANGE	: Continuous: -40°C to +100°C Intermittent: +120°C (Continuous: -40°F to +212°F Intermittent: +248°F)
APPLICATIONS	: Extra high pressure Hydraulic Lines 250 to 420 bar and hydrostatic transmission lines for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving & Material handling equipments and machineries/systems
PROPERTIES	: Uniform Thickness High abrasion resistance
STANDARD COLOUR AND FINISH	: Inner Tube - Black Outer Cover - Black Finish - Wrapped
APPLICABLE STD	: EN 856 - 4SH / ISO 3862

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m
	Inch	mm		bar	psi	bar	psi	Inch	mm	
EV4H573-19	3/4	19.4	28.4	420	6090	1680	24360	11.0	280	1.605
EV4H573-25	1	25.9	35.5	380	5510	1520	22040	13.4	340	2.277
EV4H573-32	1.1/4	32.5	41.9	325	4715	1300	18850	18.1	460	2.671
EV4H573-38	1.1/2	38.7	48.8	290	4205	1160	16820	22.1	560	3.566
EV4H573-51	2	51.3	63.2	250	3625	1000	14500	27.6	700	5.132

Impulse Cycles: 400,000 cycles

R13



- TUBE** : Black colour, Synthetic rubber resistant to oil and water
- REINFORCEMENT** : Four or Six high tensile steel wire spirals
- COVER** : Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone
- TEMP RANGE** : -40°C to +121°C (-40 °F to +250 °F)

- APPLICATIONS** : 350 bar super high pressure Hydraulic Lines and hydrostatic transmission lines. Also, suitable for impulse surge lines with more life cycles for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving equipments

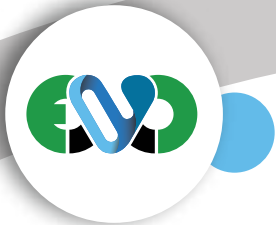
- PROPERTIES** : Uniform Thickness
High abrasion resistance

- STANDARD COLOUR AND FINISH** : Inner Tube - Black
Outer Cover - Black
Finish - Wrapped

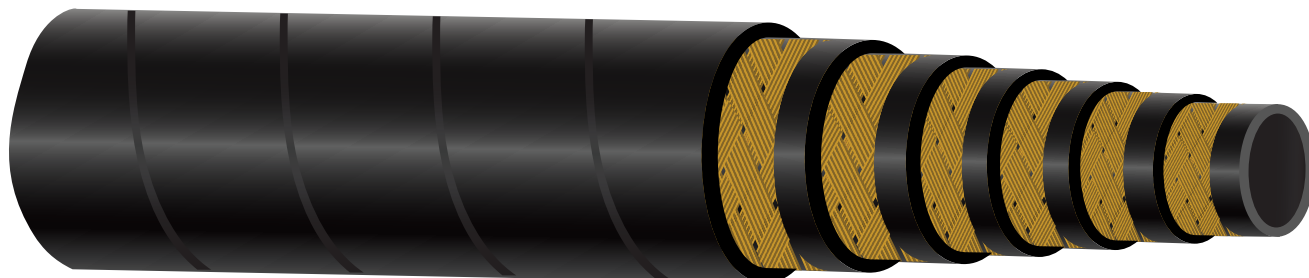
- APPLICABLE STD** : SAE J 517 - 100 R13 / EN 856 - R13 / ISO 3862

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m
	Inch	mm		bar	psi	bar	psi	Inch	mm	
EVHR570-19	3/4	19.2	29	350	5075	1400	20300	9.5	240	1.814
EVHR570-25	1	25.7	35.6	350	5075	1400	20300	11.8	300	2.277
EVHR570-32	1.1/4	32.2	47	350	5075	1400	20300	16.5	420	4.269
EVHR570-38	1.1/2	38.5	55.1	350	5075	1400	20300	19.7	500	5.747
EVHR570-51	2	51.4	67.7	350	5075	1400	20300	25.2	640	7.852

Impulse Cycles: 500,000 cycles



R15



TUBE	: Black colour, Synthetic rubber resistant to oil and water
REINFORCEMENT	: Four or Six high tensile steel wire spirals
COVER	: Black colour, Synthetic rubber resistant to abrasion and weather, oil & ozone
TEMP RANGE	: -40°C to +121°C (-40 °F to +250 °F)
APPLICATIONS	: 420 bar super high pressure Hydraulic Lines and hydrostatic transmission lines. Also, suitable for impulse surge lines with more life cycles for use with petroleum, synthetic or water based fluids in Hydraulic systems. Suitable for Earthmoving equipments
PROPERTIES	: Uniform Thickness High abrasion resistance
STANDARD COLOUR AND FINISH	: Inner Tube - Black Outer Cover - Black Finish - Wrapped
APPLICABLE STD	: SAE J517 -100 R15 / ISO 3862

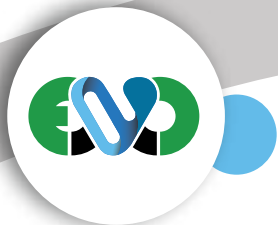
PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm		mm	bar	psi	bar	psi	Inch	
EVFR571-19	3/4	19.2	32.2	420	6090	1680	24360	10.4	265	1.814
EVFR571-25	1	25.7	38.9	420	6090	1680	24360	13.0	330	2.277
EVFR571-32	1.1/4	32.2	49.8	420	6090	1680	24360	17.5	445	4.269
EVFR571-38	1.1/2	38.5	58	420	6090	1680	24360	20.9	530	5.747
EVFR571-51	2	51.2	71.2	420	6090	1680	24360	23.6	600	8.217

Impulse Cycles: 500,000 cycles

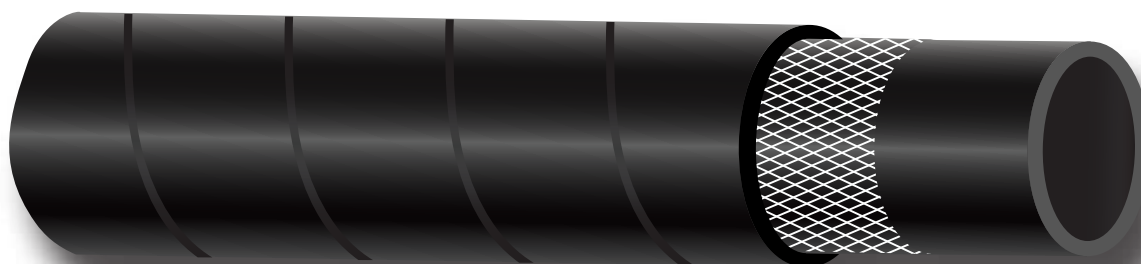


AUTOMOTIVE & SPECIAL HOSES

YOUR DEMAND IS OUR QUALITY!



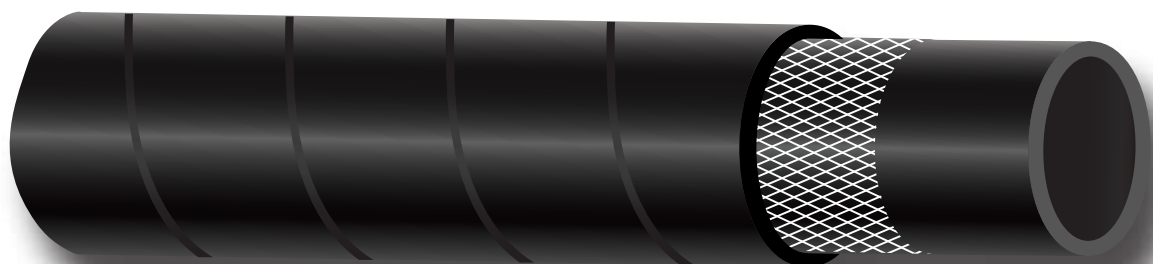
AIR BRAKE HOSE



- TUBE** : NBR, oil resistant synthetic rubber
- REINFORCEMENT** : High tensile synthetic yarn
- COVER** : Black NBR - abrasion and ozone resistant
- TEMP RANGE** : -40°C~ + 100°C (-40° F +212° F)
- APPLICATIONS** : For compressed air brake line system on trailer, trucks and buses.
- PROPERTIES** : Uniform Thickness
Abrasion resistance
Ozone resistance
Flexible
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Black
Finish - Wrapped
- APPLICABLE STD** : SAEJ 1402

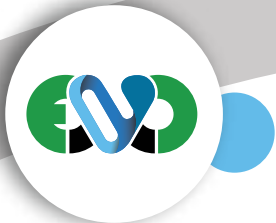
PART NO.	INTERNAL DIAMETER		OUTER DIAMETER mm	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT Kg/m	STD. LENGTH Mtr
	Inch	mm		bar	psi	bar	psi	Inch	mm		
EVAI339-06	1/4	6	15.6	20	300	60	900	2.5	64	0.255	100/50
EVAI339-08	5/16	8	17.5	20	300	60	900	3.0	76	0.285	100/50
EVAI339-10	3/8	10	19.5	20	300	60	900	3.5	90	0.330	100/50
EVAI339-11	7/16	11	20.3	20	300	60	900	4.0	102	0.343	100/50
EVAI339-12	1/2	12.5	23	20	300	60	900	4.3	110	0.439	100/50
EVAI339-14	35/64	14	25	20	300	60	900	4.5	115	0.498	100/50
EVAI339-16	5/8	16	27	20	300	60	900	4.7	120	0.557	100/50

CNG HOSE

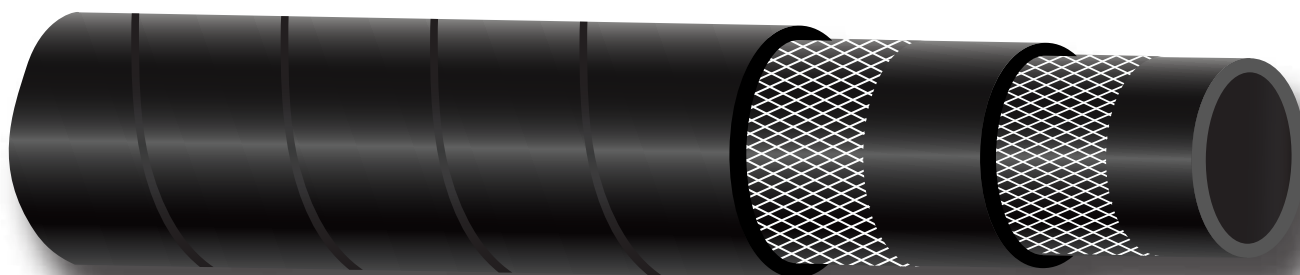


TUBE	: High moony viscosity, oil resistant synthetic rubber
REINFORCEMENT	: Single braided high tensile yarn
COVER	: Synthetic rubber resistant to abrasion and weather
TEMP RANGE	: -40° C +100° C approx. (-40° F +212° F approx.)
APPLICATIONS	: For use in motor vehicles with CNG Installations
PROPERTIES	: Uniform Thickness Flexible
STANDARD COLOUR AND FINISH	: Inner Tube - Black Outer Cover - Black Finish -Wrapped
APPLICABLE STD	: SAEJ30-R6; IS 15722

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	Kg/m
EVCN335-06	1/4	6	12.5	5	75	15	225	2.6	65	0.130
EVCN335-08	5/16	8	14.5	5	75	15	225	3.0	76	0.150
EVCN335-10	3/8	10	16	5	75	15	225	3.5	90	0.180
EVCN335-12	1/2	12.5	20	5	75	15	225	4.0	101	0.260
EVCN335-16	5/8	16	23.8	5	75	15	225	4.9	125	0.320
EVCN335-19	3/4	19	28	5	75	15	225	6.0	152	0.410
EVCN335-25	1	25	35	5	75	15	225	7.0	178	0.545



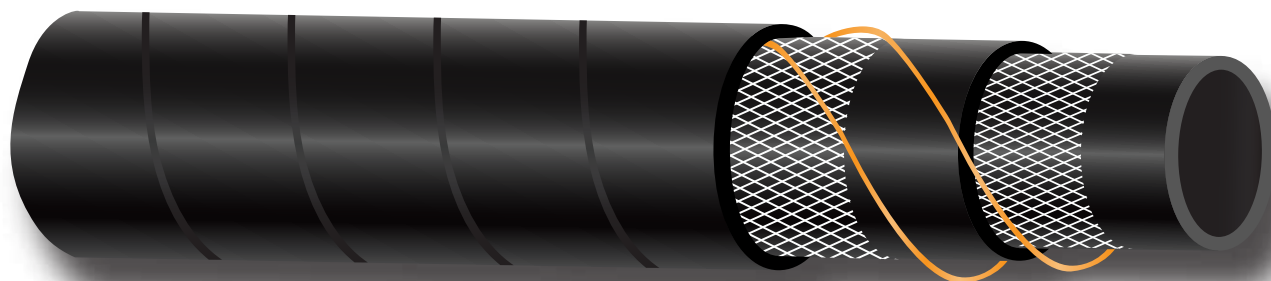
FIRE REEL HOSE



TUBE	: Black SBR
REINFORCEMENT	: High tensile textile braids
COVER	: Black SBR - abrasion and ozone resistant
TEMP RANGE	: Hose reels on fire fighting vehicles
APPLICATIONS	: -30° C +80° C (-22° F +176° F)
PROPERTIES	: Abrasion resistance Weather resistance Uniform Thickness
STANDARD COLOUR AND FINISH	: Inner tube - Black Outer cover - Black Finish - Wrapped
APPLICABLE STD	: Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	Kg/m
EVFI340-25	1	25	36	40	600	120	1750	3.9	100	0.620

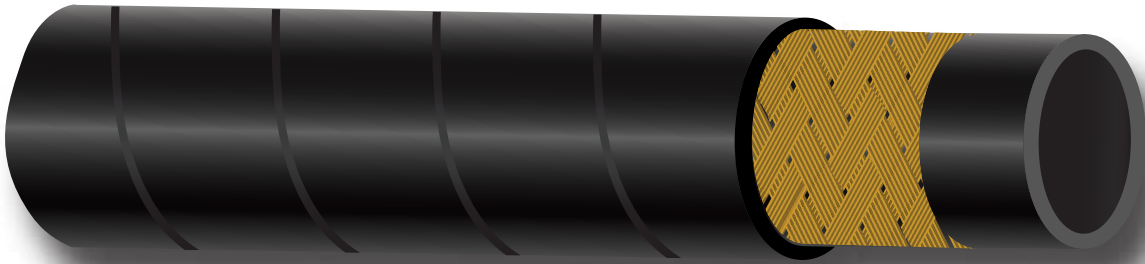
FUEL DISPENSING HOSE TYPE - I



TUBE	: Specially compounded nitrile rubber resistant to gasoline
REINFORCEMENT	: Two high tenacity textile braid with antistatic wire
COVER	: Synthetic rubber resistant to oil, weather, abrasion and ozone resistant
TEMP RANGE	: -30° C +60° C (-22° F +140° F)
APPLICATIONS	: Suitable for use in petroleum based fuel dispensing application
PROPERTIES	: Uniform Thickness Flexible Resistant to weather
STANDARD COLOUR AND FINISH	: Inner tube - Black Outer cover - Black Finish - Wrapped
APPLICABLE STD	: EN1360 TYPE I; EXCEEDS IS 2396

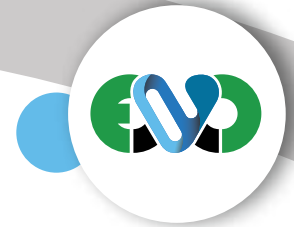
PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	Kg/m
EVFD333-16	5/8	16	28	16	235	48	700	4.8	128	0.585
EVFD333-19	3/4	19	32	16	235	48	700	5.9	150	0.680
EVFD333-25	1	25	38	16	235	48	700	7.9	200	0.830

FUEL DISPENSING HOSE TYPE - III



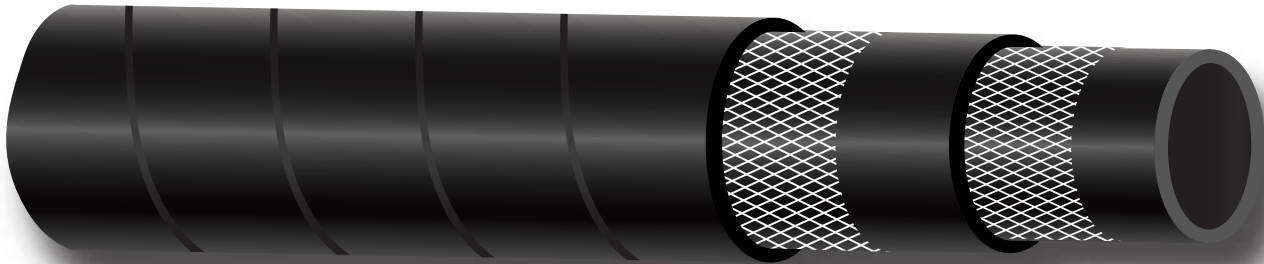
TUBE	: Specially compounded nitrile rubber resistant to gasoline
REINFORCEMENT	: One braid of high tensile brass coated steel wire
COVER	: Synthetic rubber resistant to oil, weather, abrasion and ozone resistant
TEMP RANGE	: -30° C +55° C (-22° F +131° F)
APPLICATIONS	: Suitable for use in petroleum based fuel dispensing application
PROPERTIES	: Uniform thickness Flexible
STANDARD COLOUR AND FINISH	: Inner tube - Black Outer cover - Black Finish - Wrapped
APPLICABLE STD	: EN1360 TYPE III

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm	mm	bar	psi	bar	psi	Inch	mm	Kg/m
EVFD334-19	3/4	19	29	17	250	70	1000	5.9	150	0.604
EVFD334-25	1	25	35	17	250	70	1000	8.3	210	0.795



LPG HOSE TYPE - I

TEXTILE BRAIDED

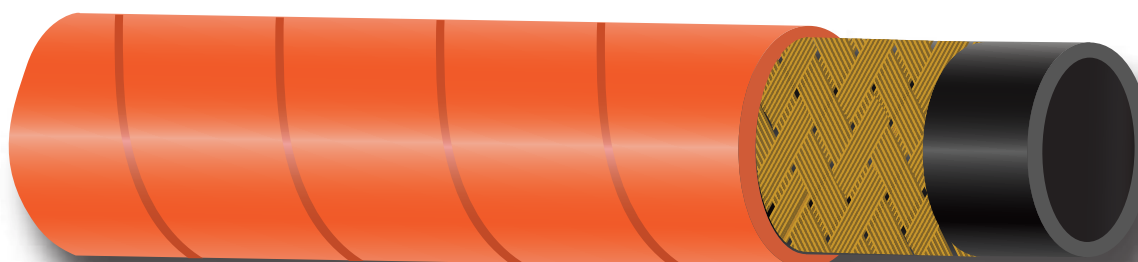


- TUBE** : Black colour, Synthetic rubber resistant to n-pentane
- REINFORCEMENT** : two braids of high tensile synthetic yarn with antistatic copper flex wire
- COVER** : Perforated black colour synthetic rubber resistant to Oil / flame with good ageing properties
- TEMP RANGE** : -40° C +65° C (-40° F +149° F)
- APPLICATIONS** : Transfer of LPG in liquid/vapour form which is unvented between operations including automotive
- PROPERTIES** : Oil resistant
Flame resistant
Weather resistant
Uniform Thickness
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Black
Finish - Wrapped
- APPLICABLE STD** : EN1762 TYPE D/IS 9573 TYPE I

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm		mm	bar	psi	bar	psi	Inch	
EVLP336-06	1/4	6	12.7	25	365	100	1450	2.8	70	0.160
EVLP336-08	5/16	8	14.9	25	365	100	1450	3.7	95	0.200
EVLP336-10	3/8	10	17.3	25	365	100	1450	4.7	120	0.250
EVLP336-12	1/2	12.5	22.7	25	365	100	1450	5.9	150	0.450
EVLP336-16	5/8	16	25.9	25	365	100	1450	7.3	185	0.525
EVLP336-19	3/4	19	28.7	25	365	100	1450	8.9	225	0.585
EVLP336-25	1	25	38	25	365	100	1450	11.8	300	1.030



LPG HOSE TYPE - II

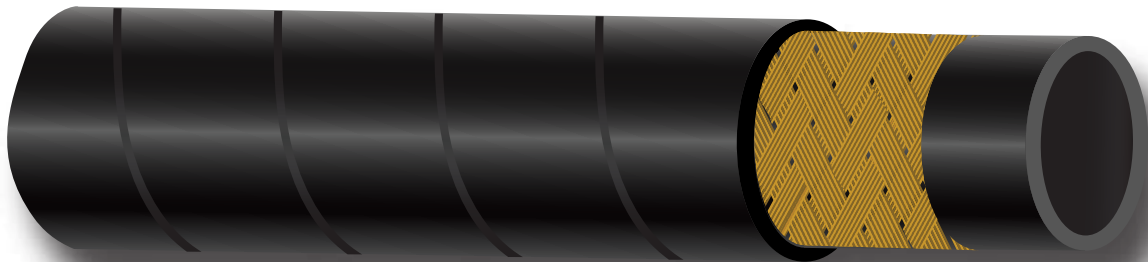


TUBE	: Black colour, Synthetic rubber resistant to n-pentane
REINFORCEMENT	: Single wire braid
COVER	: Perforated orange, Synthetic rubber excellent resistant to fire & ozone
TEMP RANGE	: -40° C to +70° C (-40° F +158° F)
APPLICATIONS	: Designed for domestic, LPG cylinders/ commercial installation
PROPERTIES	: Uniform Thickness Ozone and fire resistant Flexible
STANDARD COLOUR AND FINISH	: Inner Tube - Black Outer Cover - Orange Finish - Wrapped
APPLICABLE STD	: IS 9573:2012 - Type II

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm		mm	bar	psi	bar	psi	Inch	
EVLP337-08	5/16	8	15	10	145	100	1450	3.7	95	0.230
EVLP337-10	3/8	10	17	10	145	100	1450	4.7	120	0.280
EVLP337-12	1/2	12.5	22	10	145	100	1450	6.0	152	0.450

LPG HOSE TYPE - D

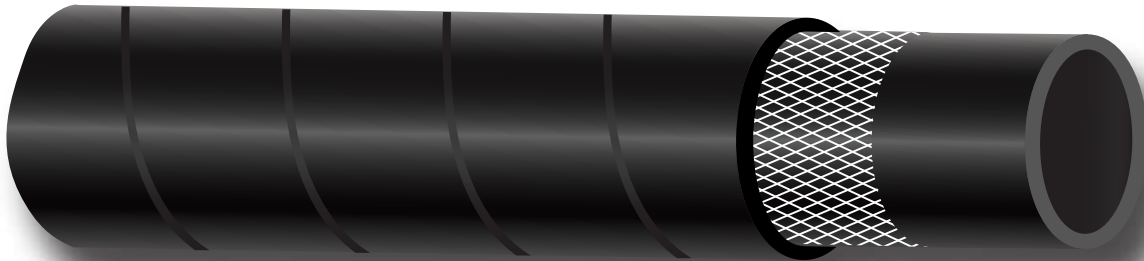
WIRE BRAIDED



- TUBE** : Low Permeation Synthetic rubber tube resistant to n-pentane
- REINFORCEMENT** : Single wire braid
- COVER** : Perforated black colour, Synthetic rubber resistant to abrasion and weather
- TEMP RANGE** : Continuous: -30° C +70° C (-22° F +158° F)
- APPLICATIONS** : Designed for transfer of LPG in liquid or gaseous phase and natural gas
- PROPERTIES** : Abrasion resistant
Weather resistant
Uniform Thickness
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Black
Finish - Wrapped
- APPLICABLE STD** : EN 1762 - Type D / IS 9573:2012 TYPE-1

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm		mm	bar	psi	bar	psi	Inch	
EVLP338-10	3/8	9.7	18.8	25	365	100	1450	3.5	90	0.351
EVLP338-12	1/2	12.7	22.7	25	365	100	1450	3.9	100	0.474
EVLP338-16	5/8	15.9	25.9	25	365	100	1450	4.9	125	0.566
EVLP338-19	3/4	19	31	25	365	100	1450	6.3	160	0.793
EVLP338-25	1	25	38	25	365	100	1450	7.9	200	1.103
EVLP338-32	1.1/4	32	45	25	365	100	1450	9.8	250	1.414
EVLP338-38	1.1/2	38	52	25	365	100	1450	12.6	320	1.963
EVLP338-51	2	51	66	25	365	100	1450	15.7	400	2.643

POWER STEERING RETURN HOSE

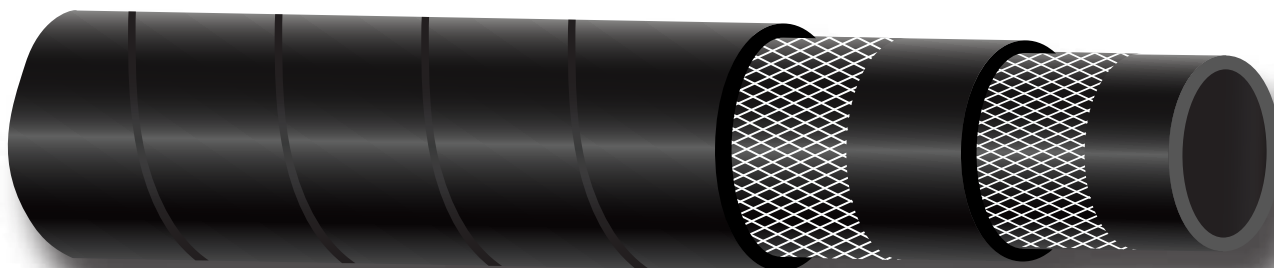


- TUBE** : Black, oil-resistant synthetic rubber (NBR)
- REINFORCEMENT** : Single textile braid
- COVER** : Neoprene
- TEMP RANGE** : -40° C +120° C (-40° F +250° F)
- APPLICATIONS** : Designed for using in automotive power steering applications
- PROPERTIES** : Ozone resistant
Heat resistant
Oil resistant
- STANDARD COLOUR AND FINISH** : Inner tube - Black
Outer cover - Black
Finish - Wrapped
- APPLICABLE STD** : SAE J189

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		WEIGHT
	Inch	mm	mm	bar	psi	bar	psi	Kg/m
EVPS341-10	3/8	9.5	17	17.5	250	70	1000	0.285

POWER STEERING HOSE

DOUBLE BRAID



TUBE	:	Black NBR
REINFORCEMENT	:	Double textile braid
COVER	:	Neoprene
TEMP RANGE	:	-40° C +120° C (-40° F +250° F)
APPLICATIONS	:	Passenger Car/Light Truck power steering hose
PROPERTIES	:	Ozone resistant Heat resistant Oil resistant
STANDARD COLOUR AND FINISH	:	Inner tube - Black Outer cover - Black Finish - Wrapped
APPLICABLE STD	:	Elastohose Proprietary Product

PART NO.	INTERNAL DIAMETER		OUTER DIAMETER	WORKING PRESSURE		BURSTING PRESSURE		BENDING RADIUS		WEIGHT
	Inch	mm		bar	psi	bar	psi	Inch	mm	
EVPH342-10	3/8	9.5	19.1	78	1125	310	4500	4.0	102	0.315



USER INSTRUCTIONS

- **System working pressure should not exceed the rated working pressure of the hose assembly.**

Exceeding the rated working pressure of the hose may result in the hose bursting or hose coupling blow-off. Follow the maximum working pressure ratings listed in this catalog.

- **Protect hose from abrasions.**

If the hose reinforcement is exposed, it is susceptible to rust and accelerated damage leading to failure like hose burst, if found, replace with a new one.

- **Do not snap the hose.**

Snapping and deforming will lead to hose burst, leakage and hose coupling blow-off. If found, replace with a new one.

- **Avoid excessive vibration.**

Excessive vibration may cause leakage and hose coupling blow-off by fatigue.

- **Avoid exceeding applicable temperature**

Exceeding applicable temperature may cause leakage and hose coupling blow-off.

- **Avoid vacuum pressure (except for suction hose)**

Excessive vacuum pressure may result in damage to the inner tube which leads to hose failure.

- **Avoid submerging hose assemblies in water or any other liquid.**

Hose assemblies submerged in water are exposed to external pressure which will reduce the service life of a hose.

- **Never repair or rework a hose assembly.**

Old or used hose assemblies do not have the same physical characteristics as new hose and cannot be assembled.

- **Preventive Maintenance**

Before use, check the following. If found, replace with a new one.

Physical damage, blister, exposed reinforcement, kinking, hose coupling blow-off, leakage etc.



ELASTOHOSE - VNSA ADDITIONAL SERVICES

- For some hoses, colours can be customised as per the customer's choice.
- Working pressure can be modified as per the customer's specifications.
- Compound specifications can be modified as per the application.
- Hose Size/Dimensions can be modified as per the customer's demand.
- Required hose length can be modified as per the customer's requirement.
- Safety factor can be modified as per the customer's need.
- Air hose 15 bar std duty, Air hose 20 bar heavy duty, Air hose - oil mist resistant, Air hose - EPDM, water hose, Twin welding hose and multipurpose / general purpose also available in Taco Shell Packing and Shrink Packing.

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