

	GY		Sunsong (SB03)	
	<p>Our market-leading low-permeation construction. This hose is used by more OEMs around the globe than any other refrigerant hose construction. Galaxy 4890SLE derives its performance from a proprietary polyamide barrier and exceptional compounding. Compatible with new R1234yf refrigerant.</p>		<p>Our SB02&SB03 hose are used by both doemstic OEM and Global aftermarket, were designed to deliver consistency and reliability in all sizes for air conditioning systems. The hose is designed, produced, and tested to meet SAE J2064 Type C performance specifications. Sizes range from 5/16" to 9/8" in diameter and provide constant quality for different applications. Compatible with new R1234yf refrigerant.</p>	
Construction:	CR PA CR PET IIR		EPDM PA EPDM PET EPDM	
Tube:	Specially formulated Chloroprene compound		Inner rubber EPDM has excellent heat aging and resistance to media	
Cover:	Chlorobutyl for aging and low moisture ingression		EPDM as cover layer has excellent heat (135°C degree) and ozone resistance	
Reinforcement	Single-braid polyester		High-strength polyester yarn	
Features:			More excellent resistance to media	
			More excellent vancuum flattening	
			More excellent bending rigidity	
	Exceptional resistance to refrigerant permeation		Good resistance to refrigerant permeation	
	Exceeds SAE J3062 performance requirements		Exceeds SAE J2064 Type C performance requirements	
	Lightweight and flexible single braid construction		High burst strength	
	Compatible with numerous vehicular A/C refrigerants and oils		Compatible with numerous vehicular A/C refrigerants and oils	
Specifications:				
Brust strength	High-performance polyamide barrier layer.	25MPa	More excellent brust performance	30MPa
Permeation	1.0-1.5 kg/m ² /yr (tested at 80°C/176° F)		1.5-2.5 kg/m ² /yr (tested at 80°C/176° F)	
Moisture Ingression	< 0.039 g/cm ² /yr (SAE J3062 Class I)		< 0.039 g/cm ² /yr (SAE J2064 Class I)	
	Meets or exceeds SAE J3062 Type C, Class I			
Temperature Range:	-40°F to 275°F (-40°C to 135°C)		-40°F to 275°F (-40°C to 135°C)	
Vacuum flattening	5.14%		3.01%	

resistance to media	PAG oil and O-ring color after the oil resisittance or permeation tests											PAG oil and O-ring do not change color after the oil resisittance or permeation tests			
Bending Rigidity	16N											13N			
Size	Dash	Size	Inside	Outside	Weight										
	in.	mm	in.	mm								SB03 8	$8.2^{+0.3}_{-0.2}$	15.2 ± 0.4	
		in.	mm	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	SB03 9.7	9.7 ± 0.3	16.7 ± 0.4	
	-6	5/16	8	0.309	0.339	7.9	8.6	0.56	0.6	14.2	15	SB03 11.2	$11.2^{+0.3}_{-0.2}$	18.4 ± 0.4	
	-8	13/32	10	0.41	0.44	10.2	11.2	0.66	0.7	16.8	18	SB03 11.7	11.75 ± 0.3	18.4 ± 0.4	
	-10	1/2	12	0.49	0.53	12.5	13.5	0.75	0.79	18.9	20	SB03 13	$13.2^{+0.3}_{-0.2}$	21.0 ± 0.4	
	-12	5/8	16	0.615	0.655	15.6	16.6	0.91	0.95	23.1	24	SB03 13.6	13.75 ± 0.3	20.8 ± 0.4	
	-14	3/4	19	0.745	0.785	18.9	19.9	1.06	1.1	26.9	28	SB03 15.2B	$15.2^{+0.3}_{-0.2}$	23.0 ± 0.4	
												SB03 15.5B	15.9 ± 0.3	23.0 ± 0.4	
												SB03 18.7	18.7 ± 0.3	28.0 ± 0.3	
												SB02 5/16	$8.0^{+0.3}_{-0.2}$	19.0 ± 0.4	
												SB02 13/32	$10.6^{+0.3}_{-0.2}$	23.0 ± 0.4	
												SB02 1/2A	$13.0^{+0.3}_{-0.2}$	25.4 ± 0.4	
												SB02 1/2B	$13.0^{+0.3}_{-0.2}$	23.2 ± 0.4	
												SB02 5/8	16.1 ± 0.4	28.6 ± 0.4	
												SB02 3/4	19.4 ± 0.3	28.6 ± 0.3	
												SB02 7/8	22.7 ± 0.4	33.0 ± 0.4	
												SB02 9/8	29.0 ± 0.4	40.2 ± 0.4	