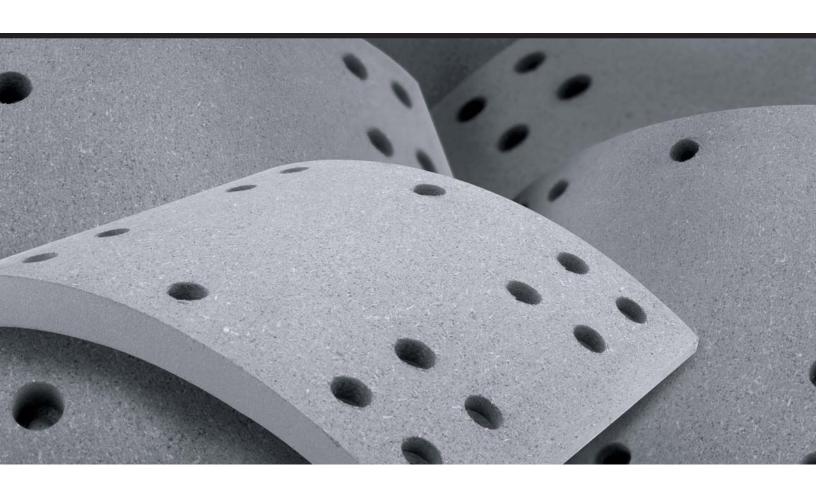


Bendix® Brake Linings

OEM Certified Stopping Power





Bendix® Lining Identification

Bendix Aftermarket Friction

(Bendix Colored Lining)



Bendix OEM "ES" Extended Service Friction



OEM Certified Stopping Power

Whether you're performing light on-highway hauling, severe duty stop and go, or tough off-highway service, Bendix® brake linings are specifically tailored to meet your requirements. Bendix offers a wide selection of linings including Extended and Standard platforms, Fiberglass to metallic fibers and GAWR's of 13,200 to 29,000 lbs.

Be assured that Bendix brake linings are engineered to provide safe, consistent, and reliable performance and are precision made for specific applications.

Manufactured and assembled in the United States and Canada, all Bendix linings are made exclusively with premium compounds. When it comes to durability, reliability, and long-term wear, select Bendix, the brake lining with OEM certified stopping power.

Bendix Friction Application Chart

GAWR	Bendix Aftermarket Friction	Bendix OEM Friction	General Application	
	Black	_	High torque output long life friction for line haul and city pick-up and delivery applications	
20,000	Silver	-	Medium grade friction for line haul and city pick-up and delivery applications	
	Blue	ES420	Premium grade friction giving long lining life and long drum life for line haul,	
			city pick-up and delivery and school bus applications	
	Red	ES600	Premium long life friction for typical over the road applications	
	Yellow	-	Premium grade friction for line haul and vocational applications	
23,000	Gold	ES710	Quiet, long life friction for high duty cycle applications such as school bus	
			and beverage trucks	
	Orange	ES1160	Severe service combination friction	
	Bronze	ES1100	Severe service full metallic friction	
25,000	_	ES1180	Severe service friction for vocational applications	

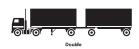
Bendix Friction Formulations are available on both Standard and Extended Service Platforms. Extended Service Platforms provide a 22% thicker and higher density material than the industry standard platform lining. The combination of increased density and increased thickness allows for a 30% to 35% wearable life expectancy increase when compared to the standard platform lining.

Bendix® Linings Typical Applications Chart

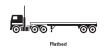
(Drive and Trailer Axle)













	GOOD	BETTER	BEST
Bendix Aftermarket Friction	BLACK	BLUE	RED
Bendix OEM Friction	-	ES420	ES600

ES420

RED

ES600

GOLD

ES710

	GOOD	BETTER	BEST
Bendix Aftermarket Friction	BLACK	BLUE	RED
Bendix OEM Friction	-	ES420	ES600
		•	

	GOOD	BETTER	BEST
Bendix Aftermarket Friction	BLACK	BLUE	RED
Bendix OEM Friction	-	ES420	ES600
	•	•	•

	GOOD	DETTER	DEST
Bendix Aftermarket Friction	RED	YELLOW	GOLD
Bendix OEM Friction	ES600	-	-

^{*}Lining is application specific and determined by the specific application. These are standard recommendations.

Bendix Aftermarket Friction

Bendix OEM Friction

For Your Next Brake Job ... Specify Bendix®

COMPETITIVE CROSS REFERENCE

					20K High					
	20K Economy -				→ Performance	23K Ec	onomy —			
Bendix	Upgrade to				Premium	Upgra	do to			
	Bendix Black	Black	Silver	Blue	ES420	Bendix		Red		ES600
FORMULABLUE										
ABEX®	XL20	XC6085 AN 6166	EN 60	008-1	EL 6011		AX6149		EX 685	
	XL6014									
BRAKEPRO™	CM14	CM16						CM18		
	CM15									
CARLISLE®	NA100-2	MB 20	MB 21			EC 23		MB 44		
	EC 20									
EUCLID™	E55	E77 E78						E88		
FRAS-LE®	AF520	AF540 AF555	AF556			AF523	AF555	AF557		
HALDEX®	V-77	GN 2017		GF 2008	GF 3008	V 88	GD	2016		
MARATHON®	MH	DB				FLOE		HS		
	UB									
MERITOR®	EG	MG1	MG2L	MA 212	MA210	MG 2		MA 310		MA 312
SUNDARAM®	AF180	AF200						AF230		
TMD® Cobreq®		NABK090	NAB	K102				NABK 110		
PERFORMANCE										
FRICTION®										
RAYBESTOS®										

All Bendix frictions are tested and rated using a 165 AL Factor.

*Note: Information compiled from various industry sources. The GAWR for each friction material may vary depending on the AL factor. Bendix does not make any inference to FMSI testing results for the above non-Bendix linings.

Maximum GAWR based on 16¹/₂" x 7" Drive and Trailer applications.

Performance of friction will vary dependent on vehicle type, load, terrain and driver. Consult your account manager to determine the correct friction for the specific application.

Cross reference information is provided as a reference only and not indicative of equal performance characteristics.

		23K High	23K Com	bination Block	23K M	23K Metallic		
	—	Performance Premium	23K Premium	23K Heavy Duty Premium	23K Premium	23K Heavy Duty Premium	25K Heavy Duty Premium	Hydraulic Disc Pads
Yellow	ES710	Gold	Orange	ES1160	Bronze	ES1100	ES1180	Prem FM HD
								E107 E109 E111
SDA 6098		EH 6040 (1083-9)	MC 685/695	EC 685/6069	EM 6069	ED/EW 6028	SM/6098	
CM20		CM22A-1	CMB42		CMM46		CM29	
MB 23		SD1 WT 56	MB 62		MB 60		MB 60	
E94			E98		E100		E94	ED-V ED-S ED-M
		AF587	AF560 AF/555/FF		AF560		AF587	
GG 3020	GH 3023		GC 3020/20		GZ 2035		GM 2040 GP 2030	
		TS	MBC		MBS		TS	
		R401	CG		MET		R403	MVD MD MMD
AF250								
NABK 142			NABK 171		NABK 170		NABK 132	
								Carbon Metallic®
								SGD PGD ATD





All Bendix[®] linings meet or exceed FMVSS 121 for their specified application.

 $$\operatorname{Bendix}^{\otimes}$$ Black FF lining certifies for a 20,000 GAWR at a 19.6" rolling radius and an A/L factor of 165.

The Bendix® Black lining was developed as a value based - high torque 20,000 lb. material that provides long life and lower cost per mile with an optimized friction couple.

Our Black lining excels in line haul, P&D and vocational truck applications where safety and economy rank above vehicle tare weight.

The special formulation of ceramics and organic compounds found in our Bendix® Black lining enables it to outperform other value materials in a wide range of brake temperatures while providing resistance to external contamination that can effect performance and wear.



Black FF Lining



Applications:

Line Haul Pick-up & Delivery Vocational Straight Trucks

Notes:

Available in the common FMSI numbers High Torque Output Excellent Stopping Power

Market Competition:

Meritor® MG1 GreyRock® 2016, 2017 Carlisle® MB21, MB20 Abex® 6166 BrakePro™ CM16 Fras-le® 540, 550 Marathon® DB20





All Bendix® linings meet or exceed FMVSS121.

Our Silver FF is engineered to provide an economical lining for single axles up to a maximum of 20,000 lbs., and tandem ximum of 40,000 lbs. G.A.W.R., using either standard

axles up to a maximum of 40,000 lbs. G.A.W.R., using either standard 16.5" x 7" or 16.5" x 8.63" brakes with 165 or 180 AL factors as specified in the chart below.

Silver FF linings are extremely well suited for tractor, trailer, and straight truck applications. Uniquely formulated with a moderate to high friction organic compound, they are designed to handle on-highway applications and city pick-up and delivery as well.

Silver FF Lining



Applications:

Line haul Pick-Up and Delivery

Notes:

Available on standard brake shoes Large torque capacity Good stopping power

Market Competition:

Meritor R201, R202 GreyRock 2015 Carlisle MB21, MB19 Abex 6008-1, 6011 BrakePro CM16 Fras-le 550, 555 Marathon DB20

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
12.25" X 7.5"	4692	165 / 180	16.1"	17k / 34k	DAP	SILVER FF
16.5" X 7"	4311	165 / 180	21.1"	20k / 40k	SAP	SILVER FF
16.5" X 7"	4515	165 / 180	21.1"	20k / 40k	DAP	SILVER FF
16.5" X 8.63"	4551	165 / 180	21.1"	20k / 40k	DAP	SILVER FF





Blue FF Lining

Bendix-leading the way in engineering and development of application specific products.

All Bendix® linings meet or exceed FMVSS121.

Our Blue FF is engineered to provide a premium, multi-application, all-makes lining for single axles up to a maximum of 20,000 lbs., and tandem axles up to a maximum of 40,000 lbs. G.A.W.R., using either standard 16.5" x 7" or 16.5" x 8.63" brakes with 165 or 180 AL factors as specified in the chart below.

Blue FF linings are designed with uniquely formulated high-friction Aramid polymer fibers, engineered to handle the high heat of long mountain grades and high duty cycles of city pick-up & delivery.



Applications:

Conventional line haul

Notes:

Aramid polymer fibers Available on standard shoes Good torque capacity Good stopping power Long drum life

Market Competition:

Meritor R201 GreyRock 2015 Carlisle MB21 Abex 6011, 6008-1 BrakePro CM16 Fras-le 555 Marathon DB20

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
16.5" X 7"	4311	165 / 180	21.1"	20k / 40k	SAP	BLUE FF
16.5" X 7"	4515	165 / 180	21.1"	20k / 40k	DAP	BLUE FF
16.5" X 8.63"	4551	165 / 180	21.1"	20k / 40k	DAP	BLUE FF





All Bendix® linings meet or exceed FMVSS121.

Our Red GG is engineered to provide a premium, multi-application lining for single axles up to a maximum of 23,000 lbs., and tandem axles up to a maximum of 46,000 lbs. G.A.W.R., using either standard 16.5" x 7" or 16.5" x 8.63" brakes with 165 or 180 AL factors as specified in the chart below.

For steer axles, Red linings are engineered to provide a premium, multi-application lining up to a maximum of 16,000 lbs. G.A.W.R., using standard 16.5" \times 6" brakes with 132 AL factor as specified in the chart below.

Capable of handling maximum loads with consistent brake performance and maximum drum life, when used with conventional brake shoe designs.

Designed with uniquely formulated high-friction Aramid polymer fibers, engineered to endure the intense heat of long mountain grades and high duty cycles of city pick up & delivery.



Red GG Lining

Applications:

Heavy line haul

Notes:

Aramid polymer fibers Available on standard brake shoes Good torque capacity Good stopping power Long drum life

Market Competition:

Meritor R301 GreyRock 2020 BrakePro CM18 Fras-le 557 Marathon FLOE Carlisle MB23 Abex 685, 697

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
12.25" X 5"	4661	165 / 180	16.1"	17k / 34k	DAP	RED GG
12.25" X 5.5"	4536	165 / 180	16.1"	17k / 34k	DAP	RED GG
12.25" X 7.5"	4591	165 / 180	16.1"	17k / 34k	DAP	RED GG
12.25" X 7.5"	4692	165 / 180	16.1"	17k / 34k	DAP	RED GG
15" X 4"	4693	132	21.1"	14.4k	SAP	RED GG
15" X 4"	1308	132	21.1"	14.4k	SAP	RED GG
16.5" X 5"	4524	132	21.1"	14.6k	DAP	RED GG
16.5" X 6"	4514	132	21.1"	16k	DAP	RED GG
16.5" X 7"	4311	165 / 180	21.1"	23k / 46k	SAP	RED GG
16.5" X 7"	4515	165 / 180	21.1"	23k / 46k	DAP	RED GG
16.5" X 8.63"	4551	165 / 180	21.1"	20k / 40k	DAP	RED GG





All Bendix® linings meet or exceed FMVSS121.

Our Yellow GG is engineered to provide an economical lin- ing for single axles up to a maximum of 23,000 lbs., and tandem axles up to a maximum of 46,000 lbs. G.A.W.R., using either standard 16.5" x 7" or 16.5" x 8.63" brakes with 165 or 180 AL factors as specified in the chart below.

Yellow is a uniquely formulated high-friction organic compound that will handle heavy duty and on/off road applications where high brake torque is required.

Yellow GG Lining



Applications

Heavy line haul Heavy vocational

Notes:

Available on standard brake shoes Extremely high torque Great stopping power Good drum life

Market Competition:

Market competition: Meritor R301, R302 GreyRock 2020 Carlisle MB23 Abex 685, 697 BrakePro CM20 Fras-le 557 Marathon FLOE

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
16.5" X 5"	4524	132	21.1"	14.6k	DAP	YELLOW GG
16.5" X 6"	4514	132	21.1"	16k	DAP	YELLOW GG
16.5" X 7"	4311	165 / 180	21.1"	23k / 46k	SAP	YELLOW GG
16.5" X 7"	4515	165 / 180	21.1"	23k / 46k	DAP	YELLOW GG
16.5" X 8.63"	4551	165 / 180	21.1"	23k / 46k	DAP	YELLOW GG





All Bendix® linings meet or exceed FMVSS121.

Our Gold FF is specifically engineered to provide a maximum life, premium all-makes lining for single axles up to a maximum of 23,000 lbs., and tandem axles up to a maximum of 46,000 lbs. G.A.W.R.,

23,000 lbs., and tandem axles up to a maximum of 46,000 lbs. G.A.W.R., using standard 16.5" x 7" brakes with 165 or 180 AL factors as specified in the chart below.

For steer axles, Gold is engineered to provide a maximum life, premium all-makes lining for up to a maximum of 25,000 lbs. G.A.W.R., using standard 16.5" x 10" brakes with 180 AL factor as specified in the chart below.

Gold high-friction Aramid polymer fibers are designed to handle the high heat of bus service or the long grades of mountain terrain.

Gold FF Lining



Applications:

Heavy line haul Heavy vocational Bus

Notes:

Aramid polymer fibers Available on standard shoes High torque capacity Superior friction and drum life Superior stopping power

Market Competition:

Meritor R302 Carlisle MB23 BrakePro CM22A-1 Marathon FLOE GreyRock 2020 Abex 685, 697 Fras-le 557

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
16.5" X 10"	4552	180	21.1"	25k	DAP	GOLD FF
16.5" X 5"	4524	132	21.1"	14.6k	DAP	GOLD FF
16.5" X 6"	4514	132	21.1"	16k	DAP	GOLD FF
16.5" X 7"	4515	165 / 180	21.1"	23k / 46k	DAP	GOLD FF
16.5" X 7"	4311	165 / 180	21.1"	23k / 46k	SAP	GOLD FF





All Bendix® linings meet or exceed FMVSS121.

Our Orange FF Combination is engineered to provide a competitively priced lining for single axles up to a maximum of 23,000 lbs., and tandem axles up to a maximum of 46,000 lbs. G.A.W.R., using standard 16.5" x 7" brakes with 165 or 180 AL factors as specified in the chart below.

For steer axles, Orange linings are engineered to provide a competitively priced lining for up to a maximum of 16,000 lbs. G.A.W.R., using standard 16.5" x 6" brakes with 132 AL factor as specified in the chart below.

Designed to handle a complete weight range, from empty to maximum loads with consistent brake performance.

Designed with a uniquely formulated high friction Aramid compound on the anchor and high friction metallic compound on the cam end of the shoe, Orange linings can handle high temperature and severe duty environments both on and off the road.

Orange FF Lining



Applications:

Mining Logging Construction Heavy vocational vehicles

Notes:

Available on standard shoes Use on drive and heavy steer axles

Market Competition:

Carlisle MB62 BrakePro CM42 GreyRock 2040 Abex 6069/695 Fras-le 560/555

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
16.5" X 5"	4524	132	21.1"	14.6k	DAP	ORANGE FF
16.5" X 6"	4514	132	21.1"	16k	DAP	ORANGE FF
16.5" X 7"	4311	165 / 180	21.1"	23k / 46k	SAP	ORANGE FF
16.5" X 7"	4515	165 / 180	21.1"	23k / 46k	DAP	ORANGE FF





Bronze FF Lining

Bendix-leading the way in engineering and development of application specific products.

All Bendix® linings meet or exceed FMVSS121.

Our Bronze FF is engineered to provide a competitively priced lining for single axles up to a maximum of 23,000 lbs., and tandem axles up to a maximum of 46,000 lbs. G.A.W.R., using standard 16.5" x 7" brakes with 165 or 180 AL factors as specified in the chart below.

From empty to maximum loads, Bronze can handle a complete weight range with consistent brake performance.

Designed with a uniquely formulated high friction metallic compound, Bronze will easily handle high temperature and severe duty environments both on and off the road.



Applications:

Mining Logging Construction Heavy vocational vehicles

Notes:

Available on standard shoes 100% full metallic lining

Market Competition:

Carlisle MB60 BrakePro CM46 GreyRock GM2040FF Abex 6069 GG

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
16.5" X 7"	4311	165 / 180	21.1"	23k / 46k	SAP	BRONZE FF
16.5" X 7"	4515	165 / 180	21.1"	23k / 46k	DAP	BRONZE FF



All Bendix® linings meet or exceed FMVSS121.

Our ES 420 FF lining is quickly becoming one of the industry's standards, and by far is the benchmark of quality for general line haul applications.

ES 420 is engineered to provide the lowest cost per mile for single axles up to a maximum of 23,000 lbs., and tandem axles up to a maximum of 46,000 lbs. G.A.W.R., using 16.5" x 8.63" extended service brakes with 165 or 180 AL factors as specified in the chart below.

For steer axles, ES 420 is engineered to provide the lowest cost per mile up to a maximum of 16,000 lbs. G.A.W.R., using 16.5" x 6" extended service brakes with 132 AL factor as specified in the chart below.

ES 420 handles a complete weight range, from empty to maximum load with consistent brake performance and maximum drum life.



ES 420 FF Lining



Applications:

Line haul trucks and trailers Refuse trucks Limited vocational trucks

Notes:

Available on ES or XLII shoes

Market Competition:

Meritor R201, R202 Carlisle MB21 Abex 6011

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
15" X 4"	1443	110	19.6"	13.2k	SAP	ES 420 FF
15" X 4"	4702	110	19.6"	13.2k	DAP	ES 420 FF
16.5" X 5"	4719	132	19.6"	14.6k	SAP	ES 420 FF
16.5" X 5"	4720	132	19.6"	14.6k	DAP	ES 420 FF
16.5" X 6"	4725	132	19.6"	16k	SAP	ES 420 FF
16.5" X 6"	4715	132	19.6"	16k	DAP	ES 420 FF
16.5" X 7"	4707	165 / 180	19.6"	20k / 40k	DAP	ES 420 FF
16.5" X 7"	4708	165 / 180	19.6"	20k / 40k	DAP	ES 420 FF
16.5" X 7"	4709	165 / 180	19.6"	20k / 40k	SAP	ES 420 FF
16.5" X 8.63"	4726	165 / 180	19.6"	23k / 46k	SAP	ES 420 FF
16.5" X 8.63"	4711	165 / 180	19.6"	23k / 46k	DAP	ES 420 FF





All Bendix® linings meet or exceed FMVSS121.

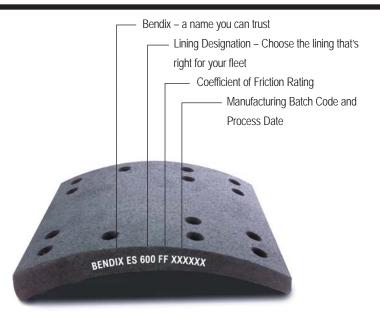
Our ES 600 FF lining is engineered to meet the economy of lowest cost per mile for single axles up to a maximum of 22,000 lbs., and tandem axles up to a maximum of 44,000 lbs.

G.A.W.R., using either 16.5" x 7" or 16.5" x 8.63" extended service brakes with 165 or 180 AL factors as specified in the chart below.

For steer axles, ES 600 is engineered to provide the lowest cost per mile up to a maximum of 16,000 lbs. G.A.W.R., using 16.5" x 6" extended service brakes with 132 AL factor as specified in the chart below.

ES 600 can handle a complete weight range, from empty to maximum load with consistent brake performance and maximum drum life. It is extremely driver friendly, providing smooth, even stops regardless of the application-from line haul to local pick-up & delivery.

ES 600 FF Lining



Applications:

Medium to Heavy line haul all wheel position friction

Notes:

Available on ES or XLII shoes Extremely versatile lining, may be downgraded for light loads Drive, Trailer and Steer axle

Market Competition:

Meritor R301, R302 Carlisle MB23 Abex 685, 697

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
15" X 4"	1443	110	21.5"	13.2k	SAP	ES 600 FF
15" X 4"	4702	110	21.5"	13.2k	DAP	ES 600 FF
16.5" X 5"	4719	132	21.5"	14.6k	SAP	ES 600 FF
16.5" X 5"	4720	132	21.5"	14.6k	DAP	ES 600 FF
16.5" X 6"	4725	132	21.5"	16k	SAP	ES 600 FF
16.5" X 6"	4715	132	21.5"	16k	DAP	ES 600 FF
16.5" X 7"	4707	165 / 180	21.5"	22k / 44k	DAP	ES 600 FF
16.5" X 7"	4708	165 / 180	21.5"	22k / 44k	DAP	ES 600 FF
16.5" X 7"	4709	165 / 180	21.5"	22k / 44k	SAP	ES 600 FF
16.5" X 8.63"	4711	165 / 180	21.5"	22k / 44k	DAP	ES 600 FF
16.5" X 8.63"	4726	165 / 180	21.5"	22k / 44k	SAP	ES 600 FF



All Bendix® linings meet or exceed FMVSS121.

Our ES 710 GG lining is engineered to provide the lowest cost per mile for single axles up to a maximum of 23,000 lbs., and tandem axles up to a maximum of 46,000 lbs. G.A.W.R.

Bendix ES 710 is capable of handling empty to maximum load capacities with consistent brake performance and maximum drum life.

Primarily, Bendix's ES 710 uniquely formulated high-friction organic compound is designed to handle heavy-duty line haul and vocational applications.

ES 710 GG Lining



Applications:

Heavy line haul Heavy vocational

Notes:

Available on ES or XLII shoes Large torque capacity Great stopping power

Market Competition:

Meritor R401 Carlisle NAB10/MB23 GreyRock 3020 Marathon TS Abex 6040

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
16.5" X 7"	4707	165 / 180	19.6"	23k / 46k	DAP	ES 710 GG
16.5" X 7"	4709	165 / 180	19.6"	23k / 46k	SAP	ES 710 GG





ES 1100 GG Lining

Bendix-leading the way in engineering and development of application specific products.

All Bendix® linings meet or exceed FMVSS121.

Our ES 1100 GG lining provides a powerhouse of security. Designed with a full metallic lining, ES 1100 provides a premium lining for single axles up to a maximum of 26,000 lbs., and tandem axles up to a maximum of 52,000 lbs. G.A.W.R., using 16.5" x 8.63" brakes with 180 AL factor as specified in the chart below.

ES 1100 handles a complete weight range, from empty to maximum load with consistent brake performance. Its uniquely formulated high-friction metallic compound is designed to handle high temperature and severe duty environments on and off the road.



Applications:

Mining Logging Construction Fire Trucks Heavy vocational vehicles

Notes:

Available on ES or XLII shoes Large torque capacity Great stopping power

Market Competition:

Carlisle MB60 BrakePro CM46 GreyRock GM2040FF Abex 6069GG

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
16.5" X 7"	4707	165 / 180	19.6"	23k / 46k	DAP	ES 1100 GG
16.5" X 7"	4708	165 / 180	19.6"	23k / 46k	DAP	ES 1100 GG
16.5" X 7"	4709	165 / 180	19.6"	23k / 46k	SAP	ES 1100 GG
16.5" X 8.63"	4726	180	19.6"	26k / 52k	SAP	ES 1100 GG
16.5" X 8.63"	4711	180	19.6"	26k / 52k	SAP	ES 1100 GG





ES 1100/600 FF Lining

Bendix-leading the way in engineering and development of application specific products.

All Bendix® linings meet or exceed FMVSS121.

Our ES 1100/600 FF Combination lining provides the lowest cost per mile for single axles up to a maximum of 26,000 lbs., and tandem axles up to a maximum of 52,000 lbs. G.A.W.R., using 16.5" x 7" extended

service brakes with 165 or 180 AL factors as specified in the chart below.

For steer axles, ES 1100/600 provides the lowest cost per mile up to a maximum of 20,000 lbs. G.A.W.R., using either 16.5" x 5" or 16.5" x 6" extended service brakes with 132 AL factor as specified in the chart below.

ES 1100/600 handles a complete range of performance applications from empty to maximum load capacity. It features a uniquely formulated high-friction organic compound on the anchor and a high friction metallic compound on the cam end of the shoe. Spicer ES 1100/600 is designed to handle high-temperature, severe-duty environments both on and off the road.



Applications:

Mining Logging Construction Heavy vocational vehicles

Notes:

Available on ES or XLII shoes Excellent to balance a brake system Use on heavy steer axles Specified to reduce noise sensitive applications

Market Competition:

Carlisle MB62 BrakePro CMB42 Grey Rock 2020/2040 Abex 6069/685 Marathon MBC

Size	FMSI	AL Factor	Rolling Radius	Max. G.A.W.R. Single/Tandem	Shoe Type	Bendix Friction
16.5" X 5"	4719	132	21.5"	20k	SAP	ES 1100/600 FF
16.5" X 5"	4720	132	21.5"	20k	DAP	ES 1100/600 FF
16.5" X 6"	4725	132	21.5"	20k	SAP	ES 1100/600 FF
16.5" X 6"	4715	132	21.5"	20k	DAP	ES 1100/600 FF
16.5" X 7"	4707	165/180	21.5"	26k / 52k	DAP	ES 1100/600 FF
16.5" X 7"	4708	165/180	21.5"	26k / 52k	DAP	ES 1100/600 FF
16.5" X 7"	4709	165/180	21.5"	26k / 52k	SAP	ES 1100/600 FF

For more information, talk to your Bendix or Roadranger representative, call 1-866-610-9709 or visit www.foundationbrakes.com.



