



# Brake Lining Specifications

OTR14FG - FRONT

**OTR Brake Products Are The SMAR Choice Because There Is NO Time For Down Time.**

**Black** Standard 20,000 lbs.  
**Blue** Premium 20,000 lbs.  
**Green** Standard 23,000 lbs.  
**Red** Premium 23,000 lbs.  
**Silver** Semi-Met Combo 23,000 lbs.  
**Orange** High Temp 23,000 lbs.  
**Gold** Severe Service 26,000 lbs.

See Reverse Side For Selection Guide

Choosing exactly the right lining means not buying more brakes than you actually need or less than your vehicle requires to be safe. Use the OTR14FG Selection Guide to match terrain, load, duty cycle, and axle rating.

## Complete Coverage Provided with Seven OTR Friction Offerings



ORDER CODE	OTR BLK	OTR BLU	OTR GRN	OTR RED	OTR SLV	OTR ORG	OTR GLD
Grade	Standard	Premium	Standard	Premium	Semi-Met Combo	High Temp	Severe Service
*FMVSS 121 GAWR	20,000 lbs.	20,000 lbs.	23,000 lbs	23,000 lbs	23,000 lbs.	23,000 lbs	26,000 lbs
*AL Factor	165	165	165	165	165	165	180
Swell & Growth	Low	Low	Low	Low	Low	Low	Low
Noise Level	Quiet	Quiet	Quiet	Quiet	Quiet	Quiet	Quiet
Lining Wear	Good	Excellent	Good	Excellent	Excellent	Superior	Excellent
Drum Wear	Good	Excellent	Good	Excellent	Excellent	Excellent	Excellent
Friction - Normal	.42F	.43F	.47G	.44F	.44F   .40F	.47G	.49G
Friction - Hot	.44F	.43F	.44F	.40F	.40F   .40F	.48G	.51G
Gogan Hardness	26	28	25	27	27   26	28	32
Specific Gravity	1.75	2.00	1.93	1.91	1.91   2.17	1.95	2.00
Typical Flexural Strength lb/sq in	5000	5650	5000	5350	5350   8750	6550	7350
Typical Operating Temperature	300°	400°	450°	550°	600°	600°	650°

OTR14FG - BACK

**OTR FRICTION SELECTION GUIDE**

**INSTRUCTIONS - Follow These Easy Steps**

- 1 Pull slide until the appropriate **TERRAIN** number appears in the window of the SR.
- 2 Align number with the appropriate **LOAD** number.  
1 - Low (20,000 lbs. GAWR) 2 - Medium (23,000 lbs. GAWR) 3 - High (26,000 lbs. GAWR)
- 3 Find the appropriate **DUTY CYCLE** window below.
- 4 Choose the appropriate **GAWR** (23,000 lbs. max. use 20K for reserve).
- 5 Choose between **PRICE** and **PERFORMANCE** window.  
Also includes: Load Capacity for use with OTR 14FG Brake Lining. Performance window: max performance in appropriate environment per axle.

**TERRAIN** - See # Above

**LOAD** - See # Above

**DUTY CYCLE 1 - See # Above**

**DUTY CYCLE 2 - See # Above**

**DUTY CYCLE 3 - See # Above**

See Reverse Side For All Formulations

\* All OTR Heavy Duty Brake Blocks pass FMVSS 121 at the listed AL Factor.

All OTR Heavy Duty Brake Block is manufactured in the U.S.A.



# Brake Shoe Identification Chart



**12.25"**

Eaton	Standard Forge	Dexter PQ
4591 E 12.25 x 7.5	4591 SF 12.25 x 7.5	4591 DEXPQ 12.25 x 7.5
Hardware Kit E-2126	Hardware Kit OTR4591 SF	Hardware Kit OTR4591 PQ
OTR RED	OTR RED	OTR RED

**16.5"**

Eaton	Eaton High Mount	Fruehauf XEM3
4311 E 16.5 x 7	4311 EHM 16.5 x 7	4515 X3 16.5 x 7
Hardware Kit OTR 4311 EHD	Hardware Kit OTR4311 EHM	Hardware Kit OTR 4515 X
OTR BLK OTR BLU OTR GRN OTR RED OTR ORG OTR GLD OTR SLV	OTR BLK OTR BLU OTR GRN OTR RED OTR ORG OTR GLD OTR SLV	OTR BLK OTR BLU OTR GRN OTR RED OTR ORG OTR GLD OTR SLV

**15"**

Eaton	Meritor Q	Meritor T
1308 E 15 x 4	1308 Q 15 x 4	1308 P 15 x 4
Hardware Kit OTR 1308E	Hardware Kit OTR 1308Q	Hardware Kit OTR1308 PMB
OTR BLU OTR RED	OTR BLU OTR RED	OTR BLU OTR RED

Meritor P	Meritor Mack Q	Meritor Q
4515 P 16.5 x 7	4514 QM 16.5 x 6 4524 QM 16.5 x 5	4514 Q* 16.5 x 6 4515 Q 16.5 x 7 4524 Q* 16.5 x 5 4551 Q* 16.5 x 8.63
Hardware Kit OTR 4515 P	Hardware Kit OTR 4524 QM	Hardware Kit OTR 4515 QHD
OTR BLK OTR BLU OTR GRN OTR RED OTR ORG OTR GLD OTR SLV	OTR BLU OTR RED	OTR BLK OTR BLU OTR GRN OTR RED OTR ORG OTR GLD OTR SLV

Eaton ES	Meritor Q Plus
1443 E 15 x 4	4702 Q 15 x 4 4703 Q** 15 x 5 4710 Q 15 x 8.63
Hardware Kit OTR 1308E	Hardware Kit OTR 4702
OTR BLU OTR RED	OTR BLU OTR RED

Meritor Q Plus	Eaton ES	Eaton ES2
4707 Q 16.5 x 7 4715 Q* 16.5 x 6 4718 Q* 16.5 x 8 4720 Q* 16.5 x 5	4709 E 16.5 x 7 4719 E** 16.5 x 5	4709 E2 16.5 x 7 4719 E2** 16.5 x 5 4725 E2** 16.5 x 6 4726 E2* 16.5 x 8.63
Hardware Kit OTR 4515 QHD	Hardware Kit OTR 4709 ES	Hardware Kit OTR 4709 ES2
OTR BLK OTR BLU OTR GRN OTR RED OTR ORG OTR GLD OTR SLV	OTR BLK OTR BLU OTR GRN OTR RED OTR ORG OTR GLD OTR SLV	OTR BLK OTR BLU OTR GRN OTR RED OTR ORG OTR GLD OTR SLV

\* AVAILABLE IN OTR BLU AND OTR RED ONLY  
\*\* AVAILABLE IN OTR RED ONLY