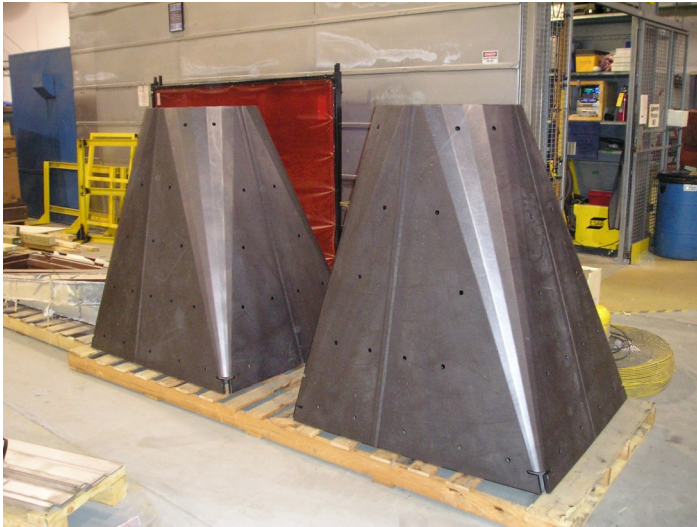


TIVAR® 88 with BurnGuard



- **Hopper Liners**
- **Silo Liners**
- **Chute Liners**
- **Under Chain Wear Strips**
- **Bucket Liners**
- **Vibratory Pan Feeder Liners**
- **Fabricated Replacement Parts**
- **Drag Flights**

TIVAR® 88 with BurnGuard is designed for lining bins, bunkers, silos, hoppers and chutes. TIVAR® 88 with BurnGuard has the key performance of low coefficient of friction non stick surface, excellent slide abrasion wear resistance and corrosion resistance. TIVAR® 88 with BurnGuard also has a flame retardant additive package that won't support flames.



TIVAR® 88 with BurnGuard is manufactured with a press finish providing the lowest coefficient of friction surface available in polymer lining materials.

TIVAR® the seal of quality.

TIVAR® 88 with BurnGuard has MSHA* approval for use in underground mining applications, along with a UL 94V-0 registration. TIVAR® 88 with BurnGuard is the top choice for bulk material handling applications where the possibility of hot spots or open flame is a concern.

TIVAR® 88 with BurnGuard is available in sheet thicknesses ranging from 1/4" to 1" , in standard sheet sizes of 4' x 10' , with custom oversized butt welded shapes available.

* Mine Safety and Health Administration: meets the requirements of criteria for acceptance of products taken in underground mines with regard to flammability.

TIVAR® 88 with BurnGuard

Fastening



Lawrence Industries offers a complete line of attachment fasteners for mounting TIVAR® 88 liners. One of the most critical components of a successful lining system is the attachment of the liner to the base metal substrate. Consideration should be given to the thickness of the liner, installation temperature and operating temperature.



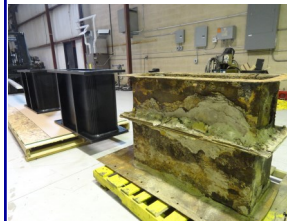
With over 25 years of experience working with TIVAR® 88 liners we can assist you with the mounting process. Attachment options range from TIVAR® capped elevator bolts, weld washers and

Fabrication

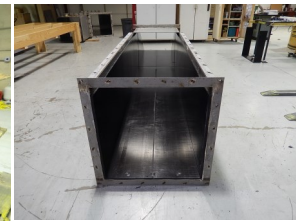


Hopper Liners

In addition to stock sheets Lawrence Industries offers engineered solutions in the form of TIVAR® 88 drop-in liners and pre-fabricated liner kits for hoppers, bins, bunkers, silos, chutes, off-road trucks and heavy equipment. Liner systems can be pre-engineered and fabricated for



Replacement Chutes



Transfer Chute Liners

Bulk Materials



Gypsum
Synthetic Gypsum (FGD)
Fly Ash
Sludge
Over Burden



Hydrated Lime



Bituminous Coal
Pet coke
Lignite Coal
Syn Fuel
Anthracite Culm
Bio Fuels

Physical Properties

Property	Test Method	Average
		Values
Coefficient of Friction	QTM55007	.09
Tensile Strength, 73° F	ASTM D638	3,600 psi,
Flexural Strength, 73° F	ASTM D790	2,900 psi
Compressive Strength, 10% Deformation , 73° F	ASTM D695	2800 psi
Hardness, Durometer, Shore "D" Scale, 73° F	ASTM D2240	64
Izod Impact (notched),	ASTM D256	No Break