

BRADKEN

PRODUCT APPLICATIONS

Truck Tray Liners

Bradken has over 30 years experience in producing wear packages to suit customer needs. Over that time, Bradken has produced a long list of satisfied customers in the mining sector.

Duaplate[®] and Vidaplate[®] are tough chromium carbide overlay plates that are the backbone of Bradken's wear resistant solutions. Bradken has extensive experience in creating wear kits for a variety of haul trucks.

The benefits of using Duaplate and Vidaplate:

- **Longer wear life:** Duaplate and Vidaplate have been proven to last 3-5 times longer than Q & T steel.
- **Reduced weight:** A lighter tray places less stress on components. Haul trucks can carry more ore and require less maintenance, which leads to increased profit.
- **Extended life:** As an alternative to a lighter wear package, a thicker wear plate package can be added to further increase wear life.
- **Reduced downtime:** Duaplate and Vidaplate applications require less maintenance. This leads to an increase in productivity.
- **Improved flow qualities:** Duaplate and Vidaplate have a low coefficient of friction giving a more effective load dump. The panel style design provides less opportunity for hang up and reduces chipping and premature wear.
- **Less welding:** Duaplate and Vidaplate packages require half the welding compared to strip style liner kits.
- **A versatile plate:** Duaplate and Vidaplate can be custom fitted to any tray either by welding or bolting.
- **Adaptability:** Duaplate and Vidaplate are a proven wear resistant choice that are available in a wide range of grades and thickness to suit any operating condition.



Vidaplate[®] duaplate[®]

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Bradken's experience has led to the development of a wear package composed of two-thirds Q & T steel and one third overlay plate. By using this arrangement, the hard wear resistant chromium carbide plate can be placed at the bottom third of the tray where the greatest amount of sliding abrasion occurs. This means that as the package wears out, the entire package can be replaced at the same time instead of having multiple tray repairs between rebuilds.

'Bradken will tailor a wear package to suit the application and the customer's needs'

Duaplate and Vidaplate liner kits utilise large panels that are securely attached using plug welds. The panels greatly reduce the amount of welding required and Duaplate and Vidaplate plugs are included with the packages to protect the welds. Countersunk bolt attachments are also available if required.

Bradken has the ability to develop a wear solution for any haul truck. Bradken has developed wear packages for the following trucks with great success:

Caterpillar	
• 769 Series	• 785 Series
• 773 Series	• 789 Series
• 777 Series	• 793 Series
Komatsu	
• HD465	• 730E
• HD785	• 830E
• HD985	
Terex	
• MT3600	• MT4400
• MT4000	

Vidaplate® duaplate®

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