Analysis of flow issues involves several factors: velocity, trajectory, mass, temperature, volume, mixture, impact angle, and combinations.

**Impact Abrasion**
- S • Rampart™ - WC810™ & WC880™
- S • WC400™ Wear Plate
- S • WC500™ Wear Plate
- M • XP™ Bi-Metal Hammers
- M • SCH800™ Wear Panels
- M • WC700P™ Wear Plate & Pipe
- M • HyperClad™ Wear Plate
- M • MirACLad™ Wear Plate
- M • WC900™ Wear Plate
- M • WC910™ Tiles
- M • VB86™ Vacuum Bonded Ceramic
- M • WC800P™ Pipe
- M • INERTIA™ Tactical Wear Plate
- M • FeatherClad™ Wear Plate
- M • WearBack™ Elbows
- L • DiamondClad™ Wear Plate
- L • Urethanes

**Corrosion**
- S • RubberLine™
- S • VB86™ Vacuum Bonded Ceramic
- S • INERTIA™ Tactical Wear Plate
- S • WC700XT™ Wear Plate & Pipe
- S • PGP 180™ UHMW
- S • Urethanes
- M • NitwDensit®
- M • SCH800™ Wear Panels
- M • Fortify™ Epoxy Polymer Concrete
- M • TB80™ Wear Compound
- M • WC900™ Ceramic Tiles
- L • WC700P™ Wear Plate & Pipe
- L • HyperClad™ Wear Plate
- L • MirACLad™ Wear Plate
- L • FeatherClad™ Wear Plate

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Material Flow Solutions Guide

S - Severe  M - Moderate  L - Low

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### Sliding Abrasion

- **WC688™** Cast Ceramic
- **WC688N™** Cast Ceramic
- **Rampart™** - **WC810™ & WC880™**
- **WC910™** Tiles
- **VB96™** Vacuum Bonded Ceramic
- **WC90™** Ceramic Tiles
- **ITW Densit®**
- **WC990™** Wear Plate
- **SHC800™** Wear Panels
- **INERTIA™** Tactical Wear Plate
- **WearBack™** Elbows
- **FeatherClad™** Wear Plate
- **HyperClad™** Wear Plate
- **WC700 Plus™** Wear Plate & Pipe
- **MirAClad™** Wear Plate
- **Wear-Bow™**
- **TB90™** Wear Compound
- **DiamondClad™** Wear Plate
- **WC600P™** Pipe
- **WC500™** Wear Plate
- **WC400™** Wear Plate
- **P6P 180™** UHMW
- **Urethanes**

### Sticking

- **P6P 180™** UHMW
- **INERTIA™** Tactical Wear Plate
- **MirAClad™** Wear Plate
- **HyperClad™** Wear Plate
- **Guardian™** Stainless Wear Plate
- **VB96™** Vacuum Bonded Ceramic
- **Urethanes**

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