## Application Profile

<table>
<thead>
<tr>
<th>Market</th>
<th>Metal processors/Metal service centers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application Description</strong></td>
<td>Temporary, simple overlap and butt splices on the metal sheets. The filament tape holds the metal and prevents potential splitting while the machine runs at higher speeds.</td>
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</tbody>
</table>

### Key Application Requirements

- High initial adhesion, high shear strength and tensile strength.
- Increased production speed, adhesion to oily surfaces, confidence, less waste material and increased productivity.

### Benefits/Advantages to Customer

#### Safety and security:
High shear, tensile and adhesion strengths allow you to confidently apply the tape and to run at higher speeds.

#### Production speed:
Easily apply tape and quickly get up to production speed.

#### Waste reduction/Increased productivity:
Tape does not damage the substrate and reduces the amount of scrap.

#### Oily surfaces:
The MSR family of products adheres well to oily surfaces.

#### Easy to handle:
Conformable backing allows for easy handling.

### Product
- Scotch® Bi-Directional Filament Tape 8959
- Scotch® Filament Tapes 898, 898MSR
- Scotch® Filament Tapes 880MSR, 8919MSR
Process
Tape can be applied by hand or dispenser. Tape is also compatible for automatic application which optimizes the pressure and speed.

SIC Code
33: Primary metal industries
34: Fabricated metal products
5051: Metal service centers

Key Decision Makers
Process/Production engineer
Production manager

Note: 3M suggests evaluating the Scotch® Tape on the specific surface to determine suitable performance in the application.

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