Application Profile

<table>
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<th>Market</th>
<th>Metal processors and Metal service centers</th>
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<td>Application Description</td>
<td>Temporary bundling and wrapping application to hold metal pipes, tubing, threaded rod, conduits, wires and rails together securely.</td>
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**Key Application Requirements**

High initial tack, high tensile strength, high impact resistance, conformability, easy to apply, minimal downtime of production, clean removal and hand breakable.

**Benefits/Advantages to Customer**

- **Strength**: High shear, tensile and adhesion strengths increase confidence during the shipment and transportation process.
- **Oily surfaces**: The MSR family of products adheres well to oily surfaces.
- **Safety**: Easy-to-work with tape reduces safety risks compared to typical metal banding process.
- **Easy to handle**: Conformable backing allows for easy handling.
- **Production speed**: Easily apply tape and quickly get up to production speed.
- **Clean removal**: The pressure-sensitive adhesive of 8899HP is specifically formulated to provide balanced adhesion, clean removal, and stain resistance on metal surfaces.
- **Hand breakable**: Low tensile strength tape 8934 can be broken by hand, making cutting tools unnecessary.

**Go-to Product**

- **Higher Impact Resistance**: Scotch® Filament Tape 880MSR
- **Heavier Load**: Scotch® Filament Tape 890MSR
- **Lighter Load**: Scotch® Clean Removal Strapping Tape 8899HP
- **Hand Breakable**: Tartan™ Filament Tape 8934
Process
Tape can be applied by hand or dispenser. Tape is also compatible for automated dispensers which optimizes the amount of tape usage.

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.