# Standard RF Label 30x30

## Barcode

**Product Code**
RF standard label 30x30 D-BC-1K-c76  
Article No. 3009-099

## Label Dimensions
- Label MD Length: 30±0.5mm (1.18±0.0197")
- Label CD Length: 30±0.5mm (1.18±0.0197")
- Label Thickness: 0.19 mm±0.015mm
- Liner Width (CD): 34±1.0mm (1.34±0.0394")
- Label Gap (MD): 3±0.5mm (0.079±0.0197")
- Hot melt adhesive: 934D Henkel
- Circuit Side: Green ink
- Material construction: 50μm AL+8μm CPP+10μm AL

## Technical Specifications
- **Resonance Frequency**: 8.2MHz +/- 4%
- **Effective Signal Volume**: >400cm3
- **Quality Factor**: ≥50
- **Deactivation Rate**: ≥99.9%
- **Reactivation Rate**: ≤5%
- **Version**: max 2% bad labels per reel, not marked

## Environmental Constraints
- **Recommended Storage**: 12°C-25°C (54°F-77°F)
- **Humidity**: 55% maximum
- **Shelf Life**: 2 years from date of manufacture

*Factor is depending on climate conditions and on type of Q-factor measuring equipment used.  
All technical details are subject to technical modification without prior notice.

## Roll Specifications

<table>
<thead>
<tr>
<th>Product</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper</td>
<td>80g thermo transfer</td>
</tr>
<tr>
<td>Diameter of core</td>
<td>76mm</td>
</tr>
<tr>
<td>Max roll diameter</td>
<td>144mm</td>
</tr>
<tr>
<td>Number splices</td>
<td>3 maximum</td>
</tr>
<tr>
<td>Net weight/carton</td>
<td>6.4 kg</td>
</tr>
<tr>
<td>Gross weight/carton</td>
<td>6.85 kg</td>
</tr>
<tr>
<td>Carton dimensions</td>
<td>310x310x195</td>
</tr>
<tr>
<td>Rolls per carton</td>
<td>10</td>
</tr>
<tr>
<td>Cases per pallet</td>
<td>54</td>
</tr>
<tr>
<td>Labels per roll</td>
<td>1,000</td>
</tr>
</tbody>
</table>

## Product Application Guidelines
- Place within 76mm (3") of bar code.  
- Place in least conspicuous location.  
- Do not cover warnings, expiration dates, or important consumer information  
- No specific label orientation is required

Labels will be always supplied according to above mentioned quality. Especially in regards to deactivation rate, reactivation rate, Q-factor and center frequency and effective volume.