

Preformed Pavement Marking Tape for Parking Lots - TDS PL5000 Reflective Series / PL10000 Profiled Series

The PL5000 and PL10000 Series are premium preformed pavement marking tapes specially designed for permanent parking lot markings. Manufactured from high-performance synthetic rubber with pressure-sensitive adhesive and embedded reflective glass beads, these tapes provide outstanding visibility, durability, skid resistance, excellent adhesion and long service life. Suitable for asphalt and concrete surfaces. Immediate opening to traffic after installation.

Product Selection

Item	PL5000	PL10000
Surface	Flat	Raised Profile
Reflectivity	High	Excellent
Wet-night Visibility	Good	Excellent
Anti-slip	Good	Excellent
Audible Warning	No	Yes
Heavy Traffic	Good	Excellent
Parking Lots	★★★★★	★★★★★
Crosswalks	★★★★☆	★★★★★

Typical Applications

Application	PL5000	PL10000
Parking Space Lines	✓	✓
Directional Arrows	✓	✓
Disabled Symbols	✓	✓
Crosswalks	✓	✓
Fire Lanes	✓	✓
Warehouse Lanes	✓	✓
EV Charging	✓	✓
Speed Humps	✗	✓
Custom Logos	✓	✓

Technical Data:

Property	PL5000	PL10000	Test Method
Material	Synthetic Rubber	Synthetic Rubber	-
Construction	Pressure Sensitive Adhesive	Pressure Sensitive Adhesive	-
Color	White/Yellow/Red/Blue/Green/Black	White/Yellow	-

Thickness	1.4 mm	1.6–2.5 mm	ASTM D4325
Retroreflectivity White	250 mcd/m ² /lx	400 mcd/m ² /lx	ASTM D4061
Retroreflectivity Yellow	175 mcd/m ² /lx	250 mcd/m ² /lx	ASTM D4061
Adhesion	16 N/25mm	20 N/25mm	ASTM D1000
Skid Resistance	45 BPN	Raised Anti-slip	ASTM E303
Surface	Asphalt & Concrete	Asphalt & Concrete	-

Product Features

Feature	PL5000	PL10000
High Reflectivity	✓	✓
Raised Profile	✗	✓
Wet-night Visibility	Good	Excellent
Strong Adhesion	✓	✓
Weather Resistance	✓	✓
Easy Installation	✓	✓

Standard Dimensions

Length: 33m / 50m

Standard Width: 100mm

Optional Widths: 150/200/400/450mm

Custom sizes available.

Installation Conditions

Surface temperature: 10–45°C.

Surface must be clean, dry, dust-free and oil-free.

Installation: Clean surface → Layout → Peel liner → Apply tape → Roll firmly → Open to traffic.

Storage

Store in original packaging at 5–35°C. Keep dry and away from direct sunlight. Shelf life: 24 months.

Advantages over Paint

Comparison	Tape	Paint
Traffic Opening	Immediate	Requires Drying
Reflectivity	Excellent	Medium
Installation	Clean	Wet Process
Durability	Long	Medium
Maintenance	Low	High

OEM & ODM

Customization	Available
Colors	✓
Widths	✓
Lengths	✓
Logos	✓
Private Label	✓
OEM Packaging	✓

Compliance

Typical reference methods: ASTM D4325, ASTM D4061, ASTM D1000, ASTM E303.