



Stainless Steel Markers

expressMARK SSM identification products are designed to meet the requirements of the most hostile environments.

All products are delivered to you through a dedicated service to meet your marking requirements and ensure prompt turn-around.

Simply email your data to us and we shall provide you with an order confirmation and due date for delivery.

Any instruction for packing of your markers, can be advised allowing us to identify if you require dispatched by set, batch, field area, alpha or numerical order. This leads to ease of pickability and improved productivity at site as markers will be catalogued in an organised fashion.



Identification

Part Number	Length (mm)	Width (mm)	Thickness (mm)	Material	Laser Marked Price (ea)
Markers, Tags and Labels					
PP-MMP350-C316*	89.00	19.00	0.25	SS 316	£1.35
PP-MMP350H-C316*	89.00	19.00	0.25	SS 316	£1.68
PP-MMP350W38-C316*	89.00	10.00	0.25	SS 316	£1.28
PP-MMP172W38-C316*	44.00	10.00	0.25	SS 316	£0.72
PP-MT350W38-C316	89.00	10.00	0.25	SS 316	£0.92
PP-MT172-C316	44.00	19.00	0.25	SS 316	£0.89
PP-MMP350W17-Q	89.00	44.00	0.38	SS 304	£1.74
PP-MT1D-Q	25.00mm dia		0.89	SS 304	£1.18
PP-PM09512	95.00	12.00	0.89	SS 316	£1.20
PP-PM07507	75.00	7.00	0.89	SS 316	£0.76

* MMP style cable markers come ready supplied with 2 x 316 grade stainless steel cable ties
Tie supplied is 200mm x 4.6mm (51mm Max bundle dia). Alternative tie lengths can be supplied upon request.

Material	SS304 & SS316 Grade
Colour	Metallic with black mark
Operating Temperature	-80 °C to +538°C
Mark Permanence	Legible after 50 rubs (SAE AS81531 4.6.2) Legible after 30 strokes (MIL-STD-202F M.215J)
Mark Permanence	Markers were totally immersed in the test solutions and results recorded as per table.

All markers tested were laser marked with a CO2 laser at 600dpi

Test Results

Test Solution	1 Hour	12 Hours	24 Hours	168 Hours
Organic				
Gasoline	No effect	No effect	No effect	No effect
Limonene	No effect	No effect	No effect	No effect
Methyl Ethyl	No effect	No effect	No effect	No effect
N-Butanol	No effect	No effect	No effect	No effect
Mineral Spirits	No effect	No effect	No effect	No effect
Xylene	No effect	No effect	No effect	No effect
Acetone	No effect	No effect	No effect	No effect
Propylene	No effect	No effect	No effect	No effect
Ethanol	No effect	No effect	No effect	No effect
DMSO	No effect	No effect	No effect	No effect
Motor Oil	No effect	No effect	No effect	No effect
Acid / Bases				
Hydrochloric Acid	No effect	No effect	* note 1	No effect
Nitric Acid (68%)	No effect	No effect	No effect	No effect
Sulphuric Acid (conc.)	No effect	No effect	No effect	No effect
Acetic Acid (99.5%)	No effect	No effect	No effect	** note 2
Hydrogen Peroxide (30%)	No effect	No effect	No effect	No effect
Sodium Hydroxide (25%)	No effect	No effect	No effect	No effect
Ammonium Hydroxide (20%)	No effect	No effect	No effect	No effect

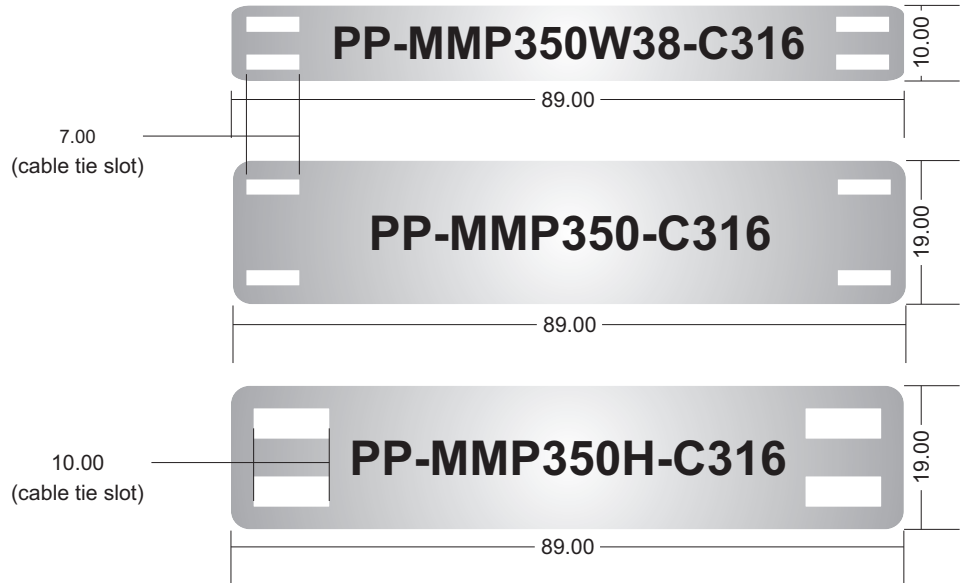
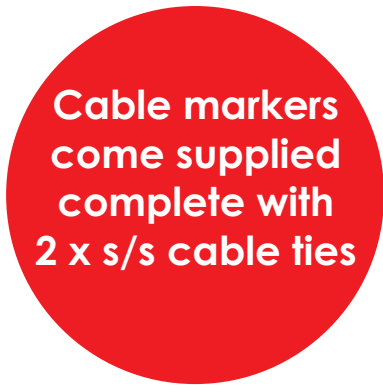
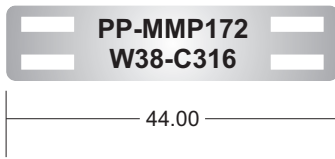
*Acid dissolves steel tag and test was not run over 12 hours
After 1 hour acid dissolved 0.2767gms off of steel tag (4.7%) - no effect to mark
After 12 hours acid dissolved 1.8057gms off of steel tag (30.6%) - no effect to mark
**Acid discolours after approximately 96 hours - mark appears slightly discoloured

- BOLD block letters
- Upper & lower case characters
- True Type fonts
- Data-matrix barcoding
- Logos and graphics
- Multiple lines of text
- Varying font sizes on same marker
- Single / one-off tags for adds, mods, changes
- Alphanumeric and sequential numbering ability
- Markers, plates, tags, faceplates, nameplates, cable ties, padlocks and many more

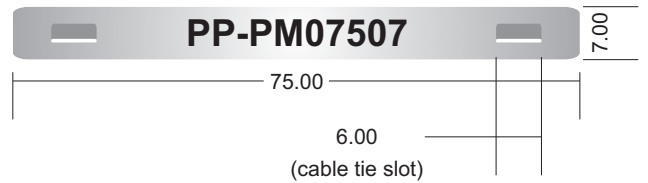
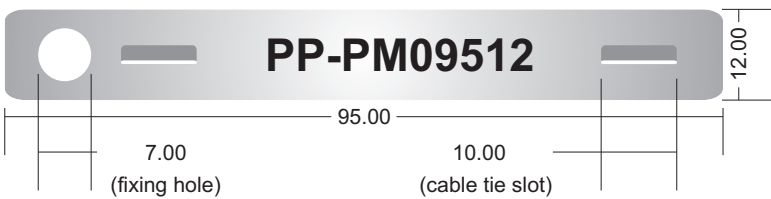
Stainless Steel Markers



Stainless Steel Cable Markers



Stainless Steel "Raised Shoulder" Markers



Stainless Steel Tags, Disc and Marker Plate (complete with 6.3mm fixing holes)

