



## TIE-ON CABLE LABELS

**Tie-on Cable Labels are made of thermoplastic polyether polyurethane (PUR or PU). They are halogen free, flame retardant (raw material fulfils UL94-VO), water and micro-organism resistant. Designed to be fixed to the cable or wire using cable ties, they are available in many colours as standard. They can be supplied unprinted or pre-printed according to your particular specification.**

PUR cable tags allow you to create clear, unambiguous cable identification tags for both indoor and outdoor applications. They can be attached to wires, cables, bundles, pipes, and many other items using cable ties or lacing cord. Often used to identify data centre wires, a/v cables, power and ground cables, cable harnesses and larger data/electrical cable installations, they offer excellent tear, solvent, heat and UV resistance over extended periods. They are supplied on rolls in an all-in-one construction where the extruded marker functions as the carrier which has been partially perforated for easy separation. They are available in a number of configurations including 1 or 2 across and diamond. A variety of other types of tie-on cable labels such as laminate markers can also be supplied on request.

Properties	Typical Values	
GENERAL		
Operating temperature	-25°C→+80°C	
Length change on shrinking	-25°C→+80°C	
PHYSICAL		
Tensile Strength	30MPa	DIN 53504
Ultimate elongation	400%	DIN 53504
Density	1.27g/cm³	
Hardness	58 shore D	DIN 53505
UV Resistance	Excellent	
Radiation resistance	1.27g/cm³	
Tear resistance	110N/mm	DIN 53515
Compression Set	30% (room temp.) 45% (at 70°C)	DIN EN ISO 815
THERMAL		
Flammability	UL94-VO (raw materials)	
CHEMICAL		
Chemical resistance	Good	

Stress at 20% elongation	13MPa	DIN 53504
Stress at 100% elongation	19MPa	DIN 53504
Stress at 300% elongation	33MPa	DIN 53504
Tear Strength	110N/mm	DIN 53515
Abrasion Loss	30mm <sup>3</sup>	DIN 53516
Compression set at room temp	30%	DIN EN ISO 815
Tensile Strength after storage in water (80°C for 42 days)	20MPa	DIN 53504
Elongation at break after storage in water (80°C for 42 days)	400%	DIN 53504
Notched impact strength (Charpy) at 23°C	50kJ/m <sup>2</sup>	DIN EN ISO 179

## TECHNICAL DATA

- **OPERATING TEMPERATURE**  
-25°C→+80°C
- **FLAME RETARDANT**  
UL94-VO (raw materials)
- **COLOURS**  
Yellow, white, red, blue, orange, green, black, others on request, white, red, blue, orange, green, black, (others on request)
- **PACKING** Rolls
- **PRINT**  
Yes text, logos, barcodes, serial nos
- **APPROVALS**  
DIN 53505, 53479, 53504, 53515, 53516, EN ISO 815, 179, UL94-VO (raw materials)
- **APPLICATIONS / INDUSTRIES**  
General, Electrical, Industrial, Military De-

Printasleeve Ltd is as diligent as possible in compiling and updating the above information. It reflects averages derived from product sample testing, is subject to normal manufacturing and testing tolerances and may be changed without notice. Furthermore aesthetic and textural style differences can result in local variation. For specific or further information concerning our products, their specifications and their utilisation please contact us.