Technical Data Sheet
Version 1
Date : 24-02-2005

Stainless steel embossing tape for M-11 (32500)

32500 is an embossing tape made of stainless steel with a width of 12 mm and a length of 6.4 m. The tape resists temperatures up to 1300°C. Discoloration starts at 600°C, but the tape remains readable as before. Stainless steel tapes have superior resistance to chemicals, abrasives, fertilizers, salty water, humidity….

Property	Unit	Value	Test method
1. General			
- Total thickness	Micron	180 ± 10%	Micrometer
2. Chemical resistance of text printed in M-11			
- Eurosuper	30x	No visible effect	Crockmeter, 900g weight/arm
- Diesel	30x	No visible effect	
- Isopropylalcohol	30x	No visible effect	
- Ethanol	30x	No visible effect	
- Ethyl acetate	30x	No visible effect	
- Skydrol* LD-4 (hydraulic oil)	30x	No visible effect	
- Sabesto** (brake fluid cleaner)	30x	No visible effect	
- Water	30x	No visible effect	
Abrasion resistance of text printed in M-11			
- Pencil erasure	30 x	No visible effect	
- Polystyrene pin	30 x	No visible effect	
- Sandpaper	30 x	No visible effect	
3. UV light stability (UV filter)			
30 days with UV light in suntester (simulates 1 year outdoor exposure)		No visible effect	
4. UV light stability (glass filter)			
30 days with UV light in suntester (simulates 1 year exposure behind window glass)		No visible effect	
5. Humidity resistance of label			
- 30 days at 45°C, 85 % R.H.		No visible effect	