DAPRA® MARKING SYSTEMS

www.DapraMarking.com ◆ (800) 442-6275

Electrolyte Guide

ELECTROLYTE	ME2	ME3	ME4	ME5	ME6	ME8	ME9	ME10	ME11	ME12	ME13	ME14	ME15	ME16	ME17	ME20	ME21	ME22	ME24	ME25	ME26	ME27	ME28	MA1	MA2	MA3	MA4	MA5
METALS																												
Aluminum				DE/O																			DE		DE			
Aluminum Bronze				DE		BP			WO																DE			
Bronze				DE						DE	DE														DE			
Brass				DE		O								BP									DE		O			
Cadmium				O																					O			
Cad & Plate				DE/O		O								BP										O				
Carbide	O	O	O	O	C	C				C													O			O		O
Cast Iron		O				O					DE											O	O	O				
Chrome Plate			WO/DE								DE			DE						O								
Chemical Blacked										DE	DE					WO			WO									
Colbolt													O	O														O
Colbolt Chrome										DE	DE														DE			
Copper				DE		BP								DE													O	
Hastelloy																										O		O
High Speed Steel		O				O				DE	DE	DE	O	O	O			O								C		C
High Carbon Steel		O				O						DE	O		O		O	O										C
Inconel																												C
Magnesium			DE	DE																								
Mazac				DE		O				DE	DE	DE					WO	O								O		O
Mild Steel		O				O												O				O	O					
Monel											DE														O			
Molybdenum																											O	
Nickel	O																								O			
Bright Nickel	O																											
Nickel Tin	O		O																						DE			
Nickel Steel		O		DE						DE	DE	DE																C
Nimonic																												C
Pewter																												
Polished Carbon Steel		O				O									O			O							DE			
Silver & Silver Plate			O	DE			O																			O		O
Stainless Steel	O				O	O	O	O	O	DE	DE		O	DE				O					DE/O			C		C
Stainless Hi Chrome		O			O			O														O			O			
Stellite			WO																									
Tin			O	WO/O								O															O	
Titanium							O				DE				O						O	O				O	O	O
Titanium Nitride		O			O	O					DE																	
Zinc	O																					O		O				
Zinc Plate																						O						
Zinc Colour Passivation			C																				O	O				
Zinc Clear Passivation																							O	O				
Zirconium																											O	
Nobium Ziconium Alloy																											O	
Neutraliser	2	1 & 4	1 & 2	2	1 & 4	none	1 & DI	1	1	1	1	1	1	1	1 & 4	1 & 4	1	1	1 & 4	1	1 & DI	DI	none	DI	DI	DI	DI	DI
Stencil Cleaner	5	6	5 or6	5	6	5	6	6	6	6	6	6	6	6	5	6	6	6	6	6	6	6	5	6	5	6	6	6

CODES

- O = Oxide
- DE = Deep Etch
- C = Compound- Etch + Oxide
- BP = Black Plated (reverse output cables and use ETCH) - Use stainless steel electode
- WO= White Oxide

MN1 and MN2 should be applied approximately 2 parts neutraliser to 1 part electrolyte used

MN4 is an immersion neutraliser and corrosion inhibitor

CODES FOR AEROSPACE GRADE ELECTROLYTES

MA1
MA2
MA3 (equivalent to RR33)
MA4 (equivalent to 59L)
MA5 (equivalent to RR66)

MA grade electrolytes are high purity solutions mainly used for aerospace / nuclear applications

CODES FOR NEUTRALISERS

1 = MN1
2 = MN2
4 = MN4
DI = De-ionised water

STENCIL CLEANERS

6 = MS6
5 = MS5

This chart is for reference only. Surface finish and stencil type will affect the quality of the mark. Please refer to individual product sheets for more information.

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