

## choosing an ink

With a range of 14 different ink formulations, TOSH is able to satisfy most application requirements on a variety of substrates in terms of adhesion, specific resistance, drying and visual appearance.

**All TOSH inks are non-toxic (NT), thus conforming to European Standard EN 71 part 3.**

The table below resumes correct ink type to use depending on the substrate to print.

	STL	STO	STE <sup>(1)</sup>	STF	STV <sup>(1)</sup>	STX	STU	STP	STG <sup>(1)</sup>	STC <sup>(4)</sup>	STB <sup>(2)</sup>	STD <sup>(2)</sup>	STM <sup>(2)</sup>	STS <sup>(4)</sup>
cellulose acetates (CA) acetate - cellulose butyric (CAB)	✓	✓									✓	✓		
thermosetting resins (EP-MF-PF-VF-UP-UR)			✓ (3)	✓ (3)							✓	✓	✓	
glass										✓	✓	✓	✓	
painted surfaces			✓	✓	✓	✓			✓	✓	✓	✓		
hide - similar hide - wood	✓	✓			✓	✓	✓		✓		✓			
ferrous metals - non ferrous metals										✓	✓	✓	✓	
paper	✓	✓	✓	✓	✓	✓	✓	✓	✓					
polyamides (PA)			✓ (3)	✓ (3)							✓	✓		
acetalic resins (POM)											✓ (6)	✓ (6)		
polyethylene (PE) - polypropylene (PP)			✓ (5)	✓ (5)				✓ (5)			✓ (5)	✓ (5)		
polycarbonates (PC)	✓	✓	✓	✓	✓	✓	✓				✓	✓		
polyesters	✓		✓	✓		✓	✓				✓	✓		
plexiglas (PMMA)	✓	✓	✓	✓	✓	✓	✓				✓	✓		
polystyrene (PS) - ABS - SAN	✓	✓	✓	✓		✓	✓	✓					✓	
polyurethane (PUR)			✓	✓					✓		✓	✓		
rigid PVC	✓	✓	✓	✓	✓	✓	✓						✓	
soft PVC	✓	✓			✓	✓	✓		✓					
rubber									✓					
fabrics	✓		✓	✓		✓			✓		✓	✓		
silicone														✓

<sup>(1)</sup> to be used as single or two-component

<sup>(2)</sup> two-component

<sup>(3)</sup> two-component

<sup>(4)</sup> baking single-component

<sup>(5)</sup> with pre-treatment

<sup>(6)</sup> with post-treatment

### NOTE

Information contained in this data sheet is given in absolutely good faith and based on our current knowledge. It should not be taken as binding, since the employment conditions of the products are out of our control. We do recommend to perform trial tests to verify the suitability of the product before starting a new production. The product utilization for the different application is exclusively under the customer responsibility.