

Pad Printing Ink Series 792

Series 792 is a highly flexible, extremely resistant 2-Component pad printing ink for the printing of very ductile plastics, leather (artificial leather as well), rubber-like substrates as well as natural materials. Additionally also rigid materials as metals, coatings and stone/concrete can be printed with good adhesion and resistance properties with this flexible allrounder.

The special advantage of the ink lies in the permanent elasticity of the ink layer, which is nevertheless extremely wear resistant.

Further attributes of this pure 2-Component ink are the excellent printability and the sweet tempered cliché performance, connected with a standardly high opacity resp. high pigmentation level of the ink system.

Printing job

You are confronted with the task of printing a very hand sweat resistant, extremely elastic, highly opaque red color on one of these popular Manager toys, called stretch balls. Or the customer would like to perpetuate the company emblem on the mud flaps of his truck fleet in the context of Corporate Design. And last but not least the manufacturer of leatherware, which would like to equip the same with image promoting writings.

The solution of Printcolor Screen Ltd.: **Series 792**

Application

Series 792 shows an easy processing on open printing systems and closed cup printing systems. Because this is a high glossy ink system with a very high resin content, the drying speed is reduced and needs some hours. But the resulting ink layer is of extremely benevolence and survives in many cases the substrate beneath.

This ink adjustment does not tend to splatter and distinguishes itself in an unproblematic ink transfer from pad to substrate.

Materials

The ink system is ideally for niche substrates as soft PVC (hoses, moulded parts, etc.), leather of every kind, rubber (depending on the vulcanization- and catalysing additives it may occur a slight yellowing of the applied ink layer; tests are recommended), thermoplastics but also natural materials as stone, glass and metals suitable.

As this is a pure 2-Component ink, hardener must be added. In General Series 700-HDA is used, mixing ratio 4:1. If the ink layer can be baked, the hardener Series 700-HDR is recommended (same mixing ratio [4:1]).

Some examples:



On cable



On stretch-ball



On concrete

Ink

In order to get a reproducible, colored print which is in accordance with the customers wishes, Printcolor Screen Ltd. offers Series 792 in the well-established MS-Mixing System.

The qualitative and quantitative unique pigmentation guarantees a maximum opacity – as standard!

As special service we offer over 1'300 elaborated color shades according to Pantone, RAL and NCS; "elaborated" means, that every formula has been matched practically and the print has been released within the designated tolerance value:

Formulas ready to use!

We supply the elaborated color shades within a very short space of time right to your companys address or we will send you the formulas in order that you can mix the color shades yourself. All color shades are producible from the MS-Mixing System. This means, that you will have maximally 16 colors on stock and you can cover every need in the whole color spectrum. The mixing colors (and every other formula of Series 792) fulfil the statutory regulations as

- DIN EN 71, part 3 (Recommendation IX and European Resolution AP/89)
- ASTM Standard F 963 (2003)
- EU-Richtlinie 2002/95/EG (Restriction of Hazardous Substances / RoHS)
- EU-Richtlinie 2002/96/EG (Waste Electrica and Electronic Equipment amending / WEEE)
- EU-Richtlinie 2005/84/EG (Phthalates in toys and baby articles)
- EU-Richtlinie 2003/11/EG (Brominated organic compounds, f.e. PBB, TBBP-A-bis, etc.)
- EU-Richtlinie 2000/53/EG („Altfahrzeuggesetz“; Law of old cars)
- Europäische Direktive 76/769 EEC (PAH; polycyclic aromatic hydrocarbons)
- 5th alteration of „Bedarfsgegenständeverordnung“ (Consumer goods regulation)

An interesting fact for the applicants in the automotive industry is, that Printcolor Screen Ltd. is Green Partner of SONY since 2003.

For the producers of the automotive industry:

Printcolor Screen Ltd. is of course also partner of the IMDS-System: IMDS-ID 9448512.

Supplementary we offer also metallics, fluorescent or phosphorescent inks, thermochrome systems, interference as well as pearlescent colors and many more. With them you can achieve very special and individual effects on the substrates you print on and therefore provide you with unique characteristics which are not only promotional but, with the correct marketing, also existence saving.

Series 792 is the most known and popular allrounder within the current pad printing >>>
Do you already know it?

For further information / price requests or in case of any questions we are happy to be at your disposal. Please contact info@printcolor.ch. Thank you.