

TEGO® RC 1904 – IT'S EASY TO LET GO



BENEFITS

- Premium release for safe high speed labelling
- No loss of tack and adhesion of the label
- Reliable matrix stripping
- Safe automatic label dispensing
- Stable release
- One component system

A one component solution for premium release in high speed label processes.

The new TEGO® RC 1904 provides premium release along with a superior curing performance.

The label industry is driven by different trends: Cost saving and sustainability led to label constructions with reduced material use. Individualization generates the need for more customized products paving the way for narrow web in-house siliconizing. Compact UV technology is widely used with these machines, as investment and needed space is limited. User friendly products easing storage and handling are required in these processes. The one component TEGO® RC 1904 offers convenient handling as no blending of several silicone compounds is needed.

TEGO® RC 1904 meets also other requirements of the label market as it provides premium release forces. This is important for robust production and application processes especially of

very thin labels. Thin label faces are prone to be fragile and premium release forces are needed to ensure a safe matrix stripping after die cutting. In addition the reduced stiffness of the face stock requires premium release forces for a safe automatic label dispensing. The benefit of the premium release level of TEGO® RC 1904 is also obvious with paper liners as it guarantees the label performance even at storage under higher humidity. Existing silicones often offer premium release at the expense of the curing degree of the silicone coating. TEGO® RC 1904 has an outstanding curing performance and thereby has no negative impact on tack and adhesion of the label. This is true even in a wide range of temperature over the lifetime of a label.

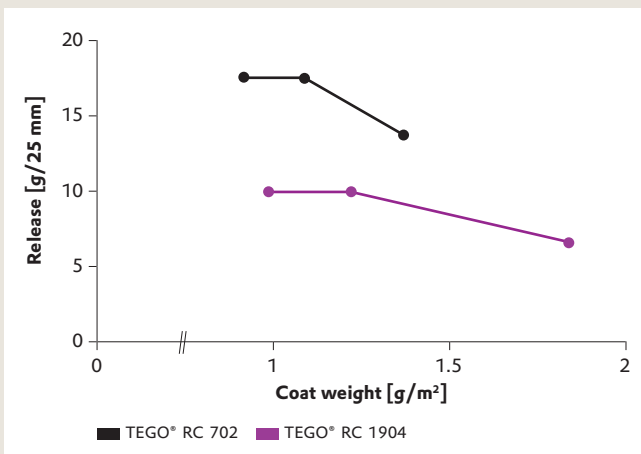


Figure 1:
Release values of coated one component products according to TLMI versus Coat Weight (TESA 7475)

Figure 2: Release values of coated one component products according to TLMI with different test tapes (Coat Weight 1.0 g/m²)

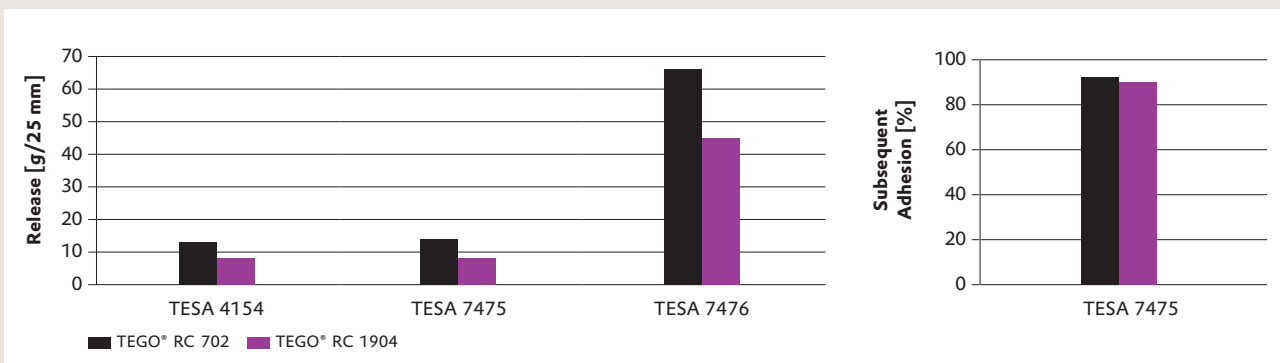
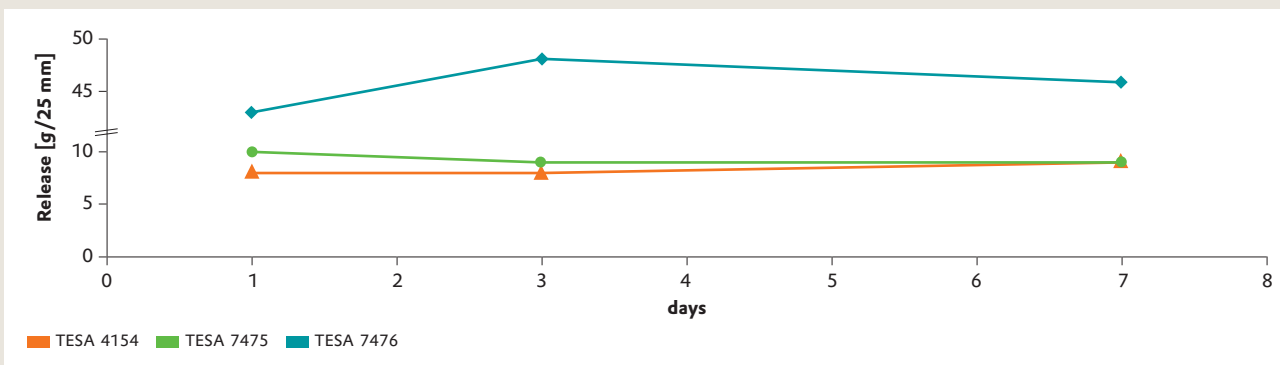


Figure 3: Release aging test of coated TEGO® RC 1904 according to TLMI (40 °C, coat weight 1.0 g/m²)



Please refer to our product data sheet for more information. TEGO® RC 1904 is covered by a patent application of Evonik. More information about TEGO® RC Silicones can be found on our web site at www.evonik.com/tego-rc or ask your regular contact in your country. Request your free of charge samples for testing!

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