

TEGO® RC 800 – NEW CONTROLLED RELEASE POLYMER



BENEFITS

- Controlled to tight release range can be fine-tuned
- Ideal for differential release on double sided tapes
- Optimized viscosity suitable for multi-roll coaters
- Excellent anchorage with all substrates

TEGO® RC 800 provides controlled to tight release properties for numerous label and tape applications as well as for hygiene products.

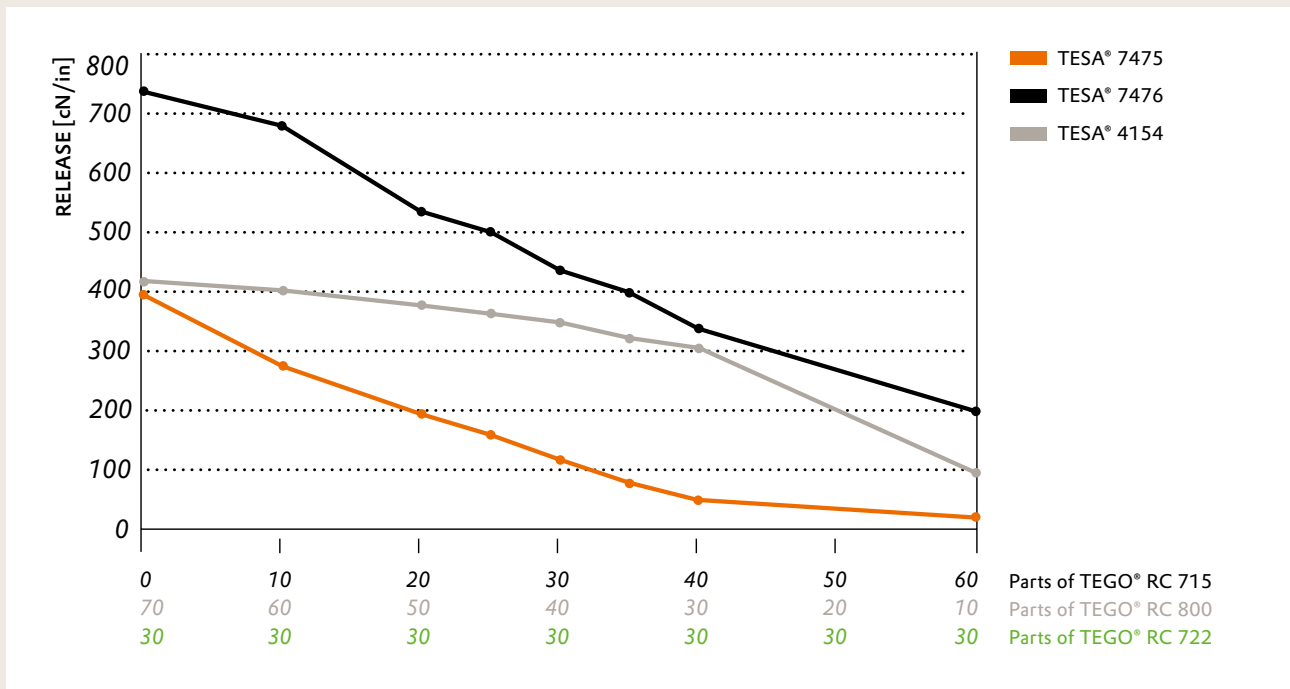
TEGO® RC 800 in combination with TEGO® RC 715 allows for controlled release performance in a wide variety of applications. Using TEGO® RC 800 as is, will achieve very high release values.

TEGO® RC 800 offers ample flexibility to adjust the release formulation of the cured coating. It is recommended to use TEGO® RC 800 in combination with both TEGO® RC 722, our superior anchorage component and TEGO® RC 715. By varying the ratio of TEGO® RC 800 / TEGO® RC 715 the final release value can be adjusted to the level needed (Figure 1).

The low viscosity of TEGO® RC 800 allows for easy processing on modern multi-roll coating equipment. TEGO® Photo-initiator A 18 must be added to all formulations by 2%. Blends of TEGO® RC Silicones need to be thoroughly stirred before processing on coating equipment and in holding containers.

Our technical teams and pilot facilities are available for your specific needs and new developments. Technical data sheets and free of charge samples can be provided through your local sales representative.

Figure 1: Release values of different blends



Blends of TEGO® RC 800, TEGO® RC 715 and TEGO® RC 722 according to FINAT low speed release test (FTM #3).

Figure 2: Roll of diaper tape



Table 1: Physical data of TEGO® RC 800

Viscosity at 25°C	ca. 400 mPas
Density at 25°C (g/cm³)	ca. 1,5
Flashpoint (°C)	> 101

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