

# TEGO® RC 1442 – A CATIONIC UV RELEASE SYSTEM



## BENEFITS

- Global availability
- Excellent coating performance
- Easy to apply
- Inerting not required
- Stable release values even under humid storage conditions
- Provides good anchorage to many substrates

## Providing low release forces for various applications

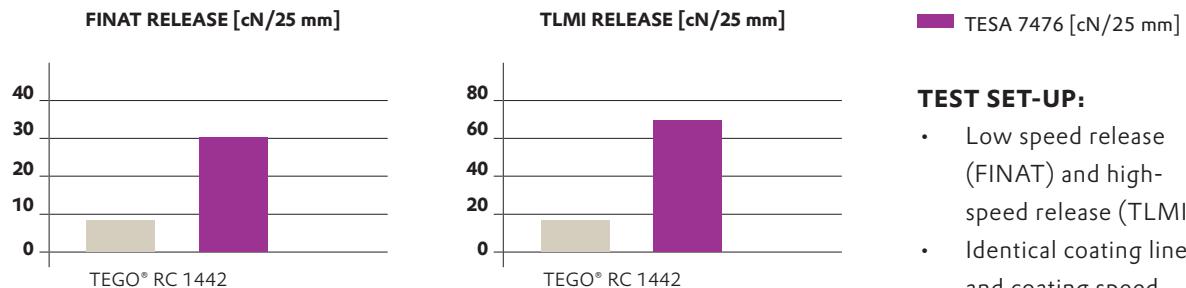
### PROPERTIES OF TEGO® RC 1442

- Fast curing at 2 % addition of PC 1467
- Sensitized silicone for fast curing
- Easy release
- Stable release values & PSA with most pressure sensitive adhesives over time even under humid storage conditions
- Provides good anchorage to many substrates
- Release value can be adjusted with TEGO® RC 1412
- Low extractables

**Table 1: Physical Properties**

Active Matter	100 %
Viscosity, 25 °C (77 °F)	~ 350 mPa*s
Colour	Yellowish
Appearance	Clear

**Figure 1: Release values of coated one component products according to FINAT and TLMI with different tapes**

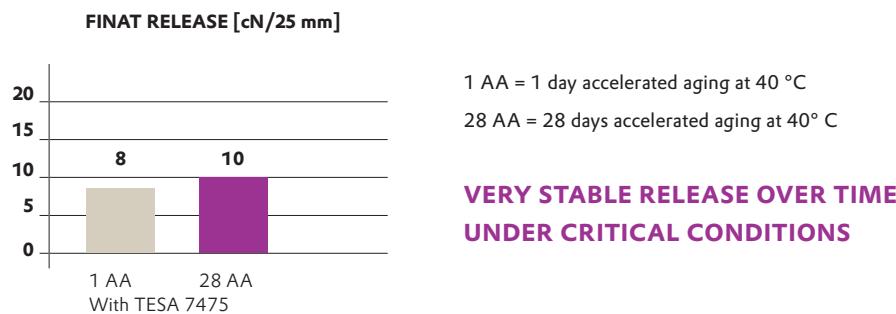


■ TESA 7475 [cN/25 mm]  
■ TESA 7476 [cN/25 mm]

**TEST SET-UP:**

- Low speed release (FINAT) and high-speed release (TLMI)
- Identical coating line and coating speed
- Coating weight 1 g/m<sup>2</sup>
- QSA > 90 %

**Figure 2: Release values of coated one component products at different stages of accelerated aging**



Please refer to our product data sheet for more information. TEGO® RC 1442 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](http://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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