

RELY[®] T-25 FLAT PROOFING POLYMER

Rely[®] T-25 Flat Proofing Polymer is designed for all purpose industrial applications. This elastomer is specifically designed to function in tires run continually at ≤35 mph or for a 2-hour maximum at 55 mph during an 8-hour shift.

Typical Applications

- Telehandlers
- Tractor Trailers
- Large Front-end Loaders
- Haul Trucks
- Garbage Trucks
- Cranes
- Cress Carriers
- Aircraft Shunt Trucks
- Drills
- Personal Carriers
- Ram Cars
- Mechanic Trucks
- Graders
- Fire Engines
- Roof Bolters
- Uni-haulers
- Boom Lifts
- Forklifts
- Street Sweepers
- Lube Trucks
- Earthmovers
- Shuttle Cars
- Lifting Ramps
- Scales

PHYSICAL Property Data ¹		Typical CHEMICAL Properties			
Shore A Hardness ASTM D2240	22-28	Property	Units	A side	B side
Specific Gravity ASTM D792	1.05	Viscosity @ 77°F	cP	300	450
Tensile Strength (psi) ASTM C203-00	143	Specific Gravity @ 77°F	-	1.05	1.036
Elongation (%) ASTM D412	319	Potlife @ 77°F (70,000 cP)	minutes	35-75	
Tear Strength (pli) ASTM D624	68	Mix Ratio	vol / vol	1	1
Compression Set (%) ASTM D395	20		wt / wt	1.01	1.00
		Shelf Life (unopened) ²	-	1 year	

¹ Physical Property Data obtained from product cured at 77°F for 16 hours and 24 hours at 150°F. Samples aged 7 days at 75°F before testing.

² Shelf life is dependent on storage conditions. Components should be stored in tightly capped containers with nitrogen blanketed head-space. Components should be stored in a temperature controlled environment of approximately 75°F. Avoid extreme temperatures and significant changes in temperature. Always have an SDS available.

Storage Information

Rely® T-25 Flat Proofing Polymer components should not be exposed to temperatures higher than 40°C (105°F). Keep in a dry place, tightly sealed.

Health and Safety Information

All sales of products manufactured by Carpenter Co. and described herein are made solely on the condition that our customers comply with applicable health and safety laws, regulations, and orders relating to the handling of our products in the workplace.

Before using, please read all product labels and Safety Data Sheet for each product. This literature, describing proper precautions and personal protective gear, is available for review. A general Safety, Health, and Toxicity bulletin is also available from Carpenter. All this literature, if presently not on your site, can be obtained from the Customer Service Representative.

Customer Service and Orders

Carpenter Co.
Tire Products Division
Customer Service: 800-825-6836
5016 Monument Avenue
Richmond VA 23230
www.carpenter.com

Updated 14 April 2016

Important: The information contained in this product data sheet is offered for your consideration, investigation, and verification. The data is presented in good faith and is believed to be reliable. Carpenter, however makes no representation as to the completeness or accuracy. Carpenter makes no warranty, express or implied, with respect to the data contained herein. Carpenter cannot anticipate all conditions under which this data and the product may be used. The conditions of handling, storage, use, and disposal of the product are beyond Carpenter's control. Thus we expressly disclaim responsibility or liability for any loss, damage, or expense arising out of reliance on the information contained herein. You are advised to make your own determination as to safety, suitability, and appropriate manner of handling, storage, use, and disposal. For further information please consult the appropriate Carpenter Safety Data Sheet. Warning: These products can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.