

**Description** Polygrip PG-30 is two component system consisting of Polygrip PG-30 (powder) and Polygrip PG-30 (solvent) used as primer for TPR sole.

**Advantages** Improved bonding strength for TPR soles

**Applications** Footwear segment

## Typical specifications

Properties	Unit	Test method	Values	
			PG-30 (solvent)	PG-30 (powder)
Appearance	-	Visual	Clear liquid	White powder
Density at 30°C	g/ml	-	0.86 - 0.89	-

**Process of application** **Surface preparation:** Bonding surface must be completely clean, dry, and free from oil, grease, and foreign particles. If required, clean the substrate with Polygrip PG-60 cleaner and allow to dry for 10 minutes.

**Application:** 2.5% (W/V) of Polygrip PG-30 (powder) is mixed in Polygrip PG-30 (solvent) in a glass or aluminum bottle. This mixture is used within 24 hours. TPR soles are first cleaned with solvent to remove dust and oil. The cleaned soles are then coated with the prepared primer solution. Treated soles should be kept for drying at ambient temperature for 30 minutes to 40 minutes. The recommended PU adhesive system need to be applied on treated soles.

**Packaging** Polygrip PG-30 (solvent) is available in 1 L plastic containers and Polygrip PG-30 (powder) is available in 25 g plastic bottles. Other packaging may be considered on request.

**Storage and handling** Polygrip PG-30 should be stored in a cool and dry place, preferably in a sealed container and should not be exposed to direct sunlight. This product has a shelf-life of 1 year if stored in its original container between 18°C and 25°C away from humidity and excessive heat. Please refer to the Safety Data Sheet (SDS) for detailed instructions on storage and handling.

**Safety** Wear personal protective equipment (PPE). Avoid contact with the eyes and skin. In case of direct contact and irritation, the resin should be washed off immediately with soap and warm water. Avoid breathing vapours, mist or gas. Please refer to the SDS for detailed safety instructions.

**Spills and disposal** In case of spills, sweep up and shovel the spilled material. Keep spilled material in suitable, closed containers for disposal. Soak up with an absorbent such as clay, sand or other suitable material. Flush area with water to remove trace residue. Do not allow the product to reach the sewage system. Waste must be disposed of in accordance with federal, state or local regulations, as applicable.

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# POLYGRIP® PG-30

Technical Data Sheet | Polymers Business



## Note

Polygrip® is a registered trademark of Atul Ltd.

## Manufacturing site

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