

TECHNOMELT®



TECHNOMELT XPO 1051™ Polyolefin Reactive Hot Melt Just the way you are.

Low surface energy plastics are typically difficult to bond and require surface modification techniques such as flame, corona, plasma or liquid primer treatment. Henkel's TECHNOMELT XPO 1051™ Polyolefin Reactive Hot Melt eliminates the need to pretreat low surface energy plastics – leaving them just the way they are.



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Used in a variety of automotive interior applications, including door panels, rear package trays, pillar trims, instrument panels, sun visors, seat trim and other upholstery elements, the benefits of TECHNOMELT XPO 1051™ Polyolefin Reactive Hot Melt are broad and include:

Advantages

Cost Savings

- Investment savings of approximately \$500,000 by removing the need for heat ovens and tunnels
- Annual cost savings of approximately \$150,000 by eliminating the need for surface treatments
- Annual cost savings by eliminating the need for a primer coating on the foam surface of soft trim cover stocks

Sustainability

- Roll coating eliminates overspray waste
- Non-hazardous and label-free. No solvents, isocyanates or tin

Multiple substrate combinations

Bonds all typical interior-related substrates just the way they are (no surface treatment), including:

- Polypropylene and filled blends, including cellulose filled fiber
- Polycarbonate/Acrylonitrile Butadine Styrene blend
- Acrylonitrile Butadine Styrene
- Olefin foams

Process benefits

- No mixing of adhesives saves time and contributes to a cleaner workspace

Rolling Into Weight Savings

Roll coating TECHNOMELT XPO 1051™ Polyolefin Reactive Hot Melt requires less adhesive than typical sprayable adhesives, while eliminating as much as 25 percent overspray waste. This can result in vehicle mass savings of 0.8 to 2.2 kilograms per vehicle.*



	square meters										adhesive needed for 20 m ²
	2	4	6	8	10	12	14	16	18	20	
Spray adhesive	••	•••	••••	•••••	••••••	•••••••	••••••••	•••••••••	••••••••••	•••••••••••	= 2,400 g
TECHNOMELT XPO 1051™ Polyolefin Reactive Hot Melt	•	••	•••	••••	•••••	••••••	•••••••	••••••••	•••••••••	••••••••••	= 1,200 g

* • = 60 grams



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