



AM16

High Power Tape Solutions

Strong performance on the most challenging surfaces

The double-sided tape range with AM 16 adhesive has been developed to meet the highest application challenges. It is ideal as an adhesive medium for materials that require an extremely high shear and adhesive strength as well as high temperature resistance. It is suitable for foams (e.g. PVC, PP, PE), polyester, PVC as well as for general bonding of metal, plastic plates and molds, even on highly curved surfaces.

It is constructed up on a paper tissue carrier, layered on both sides with a modified solvent acrylate adhesive. All tapes are available with different liner types such as siliconised paper, coloured PE or PP films.

AM 16 Adhesive offers

- High and efficient adhesion on metals and low surface energy materials
- Highest shear strength
- Wide range of working temperatures
- Particularly good repulsion resistance
- Developed for highly challenging automotive applications

ORABOND®

Engineered to Perform Better™

To find out more information visit www.orafol.com or email adhesive.tapes@orafol.de if you have any questions.

ORAFOL®

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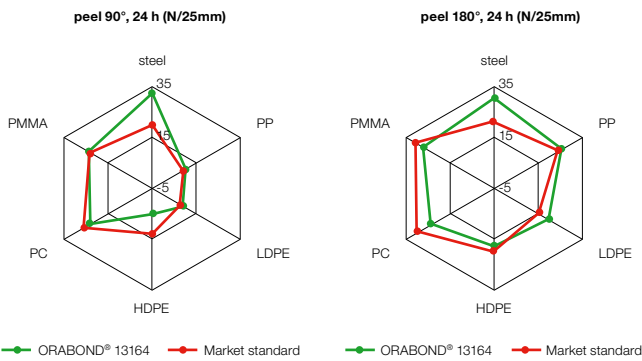
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Product Range

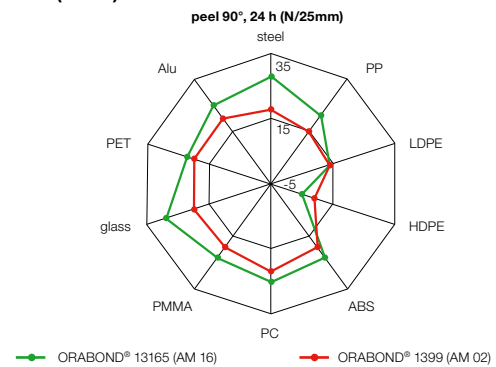
	Adhesive	Carrier	Thickness (µm) w/o Liner	Shear Adhesion Performance* @ 70°C	Peel Performance (N/25mm)*	
					Stainless Steel	PP
ORABOND® 13161	AM16 + glass fibres	-	80	> 72 hours	23	20
ORABOND® 13162	AM16	tissue	100	> 72 hours	27	21
ORABOND® 13163	AM16	tissue	130	> 72 hours	27	23
ORABOND® 13164	AM16	tissue	160	> 72 hours	30	26
ORABOND® 13165	AM16	tissue	190	> 72 hours	31	30
ORABOND® 1874	AM16	PE-foam	900	> 10 hours	27	26

*Average values

Comparison 90° and 180° Peel Performance with Market Standard



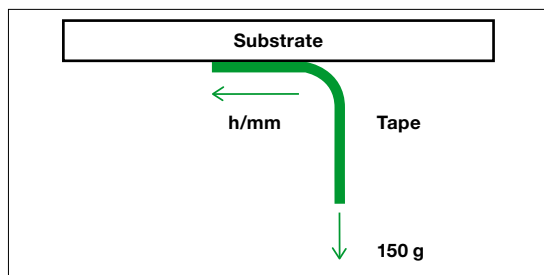
Comparison 90° Peel Performance between AM 02 (1399) & AM 16 (13165)



90° Weight Added Peel-Off [h/mm]

One side covered with 50 micron polyester film, 150 g weight per 25 mm tape width

Substrate	ORABOND® 13164	Market standard
PP	2.7	1.5
LDPE	3.2	0.8
HDPE	3.3	1.6



Anti-Repulsion Properties [h/mm]

One side covered with PU-foam (thickness: 17 mm)

Substrate	ORABOND® 13164	Market standard
PP (curved) Ø = 37 cm	7.7 (15 Shore A)	1.9 (15 Shore A)
	2.5 (30 Shore A)	1.8 (30 Shore A)

