



# Paper and Printing Industry

**Industrial Tapes Systems**

**ORAFIX<sup>®</sup>**  
**ORABOND<sup>®</sup>**

Engineered to Perform Better™



## ORAFOL's headquarters

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Located just outside of Berlin in the heart of Europe, the ORAFOL Europe GmbH headquarters is the hub of the organisation's culture of leadership and excellence.



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## Tape Solutions for Paper and Printing Industry

### Find the right solution for your needs

ORAFOL Europe GmbH offers a truly comprehensive range of technical adhesive tapes for the paper and printing industry including double-sided and single –sided repulpable tapes, non-repulpable tapes and silicone splice tapes.

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# ORAFIX®

## Double-sided repulpable tapes

	Product	Carrier	Colour	Liner	Thickness (µm)	Adhesion (N/25 mm) (FINAT TM 1) Peel on copy paper		Loop tack (N/25 mm) (FINAT TM 9)
						1 min.	20 min.	
With carrier	<b>ORAFIX® 1290</b>  FDA	Soft tissue paper Repulpable	green	90 g Siliconised paper White	90	8	10	8
	<b>ORAFIX® 1291</b>  FDA	Tissue paper Repulpable	green	90 g Siliconised paper White	100	10	11	14
	<b>ORAFIX® 1281</b>  FDA	Tissue paper Repulpable	white	90 g Siliconised paper White	100	10	11	14
Without carrier	<b>ORAFIX® 1292</b>  FDA	Without	green	90 g Siliconised paper White	50	9	12	12
	<b>ORAFIX® 1272</b>  FDA	Without	green	90 g Siliconised paper White	50	8	11	10
With carrier	<b>ORAFIX® 1293</b>  FDA	Soft tissue paper Repulpable	green	90 g Siliconised paper White	60	6	7	10
	<b>ORAFIX® 1283</b>  FDA	Soft tissue paper Repulpable	white	90 g Siliconised paper White	60	6	7	10
	<b>ORAFIX® 1273</b>  FDA	Soft tissue paper Repulpable	green	90 g Siliconised paper White	60	5	6	8



Tensile strength (N/25 mm) (DIN EN ISO 527)		Elongation (%) (DIN EN ISO 527)		Temperature resistance	Adhesive	Construction and applications
along	across	along	across			
-	-	-	-	up to 200° C	RA 3	For flying and manual splice roll changes, especially for high speed applications. FDA certificate.
-	-	-	-	up to 200° C	RA 2	For flying splice applications. High tack and temperature resistance. FDA certificate.
-	-	-	-	up to 200° C	RA 4	For flying splice applications with invisible splice. High tack and temperature resistance. FDA certificate.
-	-	-	-	up to 200° C	RA 2	50 micron transfer paper for splice applications of thin papers with overlapping splice as well as for core starting. FDA certificate.
-	-	-	-	up to 200° C	RA 3	For static splice with no bleeding, e.g. overlapping splice of very thin papers. Particularly suited for machine application, core starting. FDA certificate.
-	-	-	-	up to 200° C	RA 2	For flying splice applications for lightweight papers. High tack and temperature resistance. FDA certificate.
-	-	-	-	up to 200° C	RA 4	For flying splice applications for lightweight papers with invisible splice. High tack and temperature resistance. FDA certificate.
-	-	-	-	up to 200° C	RA 3	For static splices. Particularly for overlapping splice. FDA certificate.

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## Single-sided repulpable tapes

Product	Carrier	Colour	Liner	Thickness (µm)	Adhesion (N/25 mm) (FINAT TM 1) Peel on copy paper		Loop tack (N/25 mm) (FINAT TM 9)	
					1 min.	20 min.		
<b>ORAFIX® 1294</b>  	Paper White Repulpable 70 g/m <sup>2</sup>	green	90 g Siliconised paper White	110	11	15	12	
	<b>ORAFIX® 1295</b>  	Paper White Repulpable 30 g/m <sup>2</sup>	green	65 g Siliconised paper White	55	4	6	10
		<b>ORAFIX® 1285</b>  	Paper White Repulpable 30 g/m <sup>2</sup>	white	65 g Siliconised paper White	55	4	6
<b>ORAFIX® 1296</b>  	One side siliconised paper White Repulpable 70 g/m <sup>2</sup>	green	Without	100	7	8	12	
	<b>ORAFIX® 1286</b>  	One side siliconised paper White Repulpable 70 g/m <sup>2</sup>	white	Without	100	7	8	12
		<b>ORAFIX® 1276</b>  	One side siliconised paper White Repulpable 70 g/m <sup>2</sup>	green	Without	100	6	7
	<b>ORAFIX® 1297</b>  	One side siliconised paper White Repulpable 115 g/m <sup>2</sup>	green	Without	190	14	16	13



Tensile strength (N/25 mm) (DIN EN ISO 527)		Elongation (%) (DIN EN ISO 527)		Temperature resistance	Adhesive	Construction and applications
along	across	along	across			
160	80	2	3.5	up to 200° C	RA 2	For butt splices and roll closing of papers. With printable and coatable surface. FDA certificate.
25	14	2	2.5	up to 200° C	RA 2	For butt splices and roll closing of papers. As security cover. With printable and coatable surface. FDA certificate.
25	14	2	2.5	up to 200° C	RA 4	For butt splices and roll closing of papers with invisible splice. As security cover. With printable and coatable surface. FDA certificate.
160	80	2	3.5	up to 200° C	RA 2	General purpose tape for roll closing of papers. As security cover. With printable and coatable surface. FDA certificate.
160	80	2	3.5	up to 200° C	RA 4	General purpose tape for roll closing of papers with invisible splice. As security cover. With printable and coatable surface. FDA certificate.
160	80	2	3.5	up to 200° C	RA 3	General purpose tape for manual splice roll changes and fixing of roll ends. Particularly where a high tear resistance is needed. High tack and temperature resistance. FDA certificate.
210	100	8	5	up to 200° C	RA 2	General purpose tape for manual splice roll changes and fixing of roll ends. Particularly where a high tear resistance is needed. High tack and temperature resistance. FDA certificate.

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## Special products repulpable tapes

Product	Carrier	Colour	Liner	Thickness (µm)	Adhesion (N/25 mm) (FINAT TM 1) Peel on copy paper		Loop tack (N/25 mm) (FINAT TM 9)
					1 min.	20 min.	
<b>ORAFIX® 1288</b> 	Special paper Splittable Repulpable	white	90 g paper White	180	5*	> 5*	4
<b>ORAFIX® 1294SL</b> 	Paper White Repulpable 70 g/m <sup>2</sup>	green	90 g paper White Centre slit	110	11**	15**	12
<b>ORAFIX® 1294BF</b> 	Paper White Repulpable 70 g/m <sup>2</sup>	green	90 g paper White	110	11**	15**	12

\*) Carrier splitting  
\*\*) Based on 1294

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## Non-repulpable tapes

Product	Carrier	Colour	Liner	Thickness (µm)	Adhesion (N/25 mm) (FINAT TM 1) Peel on copy paper		Loop tack (N/25 mm) (FINAT TM 9)
					1 min.	20 min.	
<b>ORABOND® 1346</b>	Paper tissue 12.7 g/m <sup>2</sup>	Translucent	90 g/m <sup>2</sup> Siliconised paper Brown	110	16	18	15
<b>ORABOND® 1459</b>	Paper tissue 12.7 g/m <sup>2</sup>	Translucent	80 g/m <sup>2</sup> Siliconised paper Brown	140	19	20	13
<b>ORABOND® 1396</b>	Paper tissue 12.7 g/m <sup>2</sup>	Translucent	90 g/m <sup>2</sup> Siliconised paper Brown	130	18	24	28
<b>ORABOND® 1397PP</b>	Polyester film 12 micron	Transparent	80 micron PP film Salmon	210	24	30	33
<b>ORABOND® 1331</b>	Polyester film 12 micron	Transparent	90 g/m <sup>2</sup> Siliconised paper Brown	100	Open side: 6 Covered s.: 1	Open side: 16 Covered s.: 1.2	-
<b>ORABOND® 1301</b>	Paper tissue 12.7 g/m <sup>2</sup>	Red	90 g/m <sup>2</sup> Siliconised paper Brown	90	17	17	22

## Paper and Printing Industry



Tensile strength (N/25 mm) (DIN EN ISO 527)		Elongation (%) (DIN EN ISO 527)		Temperature resistance	Adhesive	Construction and applications
along	across	along	across			
-	-	-	-	up to 200° C	RA 4	Splittable carrier adhesive tape for core starting and end tabbing. FDA certificate.
160	80	2	3.5	up to 200° C	RA 2	Single sided adhesive tape based on 1294 with centre-slit liner. With printable and coatable surface. FDA certificate.
-	-	-	-	up to 200° C	RA 2	Butterflies, die-cut, based on 1294. FDA certificate.

## Paper and Printing Industry



Tensile strength (N/25 mm) (DIN EN ISO 527)		Elongation (%) (DIN EN ISO 527)		Temperature resistance	Adhesive	Construction and applications
along	across	along	across			
-	-	-	-	-40° C to +100° C	AD 3	Splicing of paper, cardboard and film.
-	-	-	-	-40° C to +70° C	SR 5	Splicing of PE coated paper.
-	-	-	-	-40° C to +140° C	AM 2	Splicing at high temperatures.
-	-	-	-	-40° C to +160° C	AM 2	Splicing tape with extremely high shear resistance. Also available with brown liner as 1397.
-	-	-	-	-40° C to +120° C	AM 1 / AM 5	Polyester tape with different adhesive sides for clean removability.
-	-	-	-	-40° C to +140° C *		Especially suitable in processes when visual splice is crucial.

\*) Momentary up to +160° C

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## Silicone splice tapes

Product	Carrier	Colour	Liner	Thickness (µm)	Adhesion (N/25 mm) (FINAT TM 1) Peel on copy paper		Loop tack (N/25 mm) (FINAT TM 9)
					1 min.	20 min.	
<b>ORAFIX® 1305</b>	Polyester film 23 micron siliconised	Transparent	Hard PVC Crepped White	60	9	10	10
<b>ORAFIX® 120705</b>	Polyester film 36 micron siliconised	Green	-	90	3	5	7



Tensile strength (N/25 mm) (DIN EN ISO 527)		Elongation (%) (DIN EN ISO 527)		Temperature resistance	Adhesive	Construction and applications
along	across	along	across			
-	-	-	-	up to 180° C	Sil	Single sided splicing tape for siliconised papers and materials.
-	-	-	-	up to 180° C	Sil	Single sided splicing tape for siliconised papers and materials.

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