

Product Portfolio Cross Reference

	Orafol®	3M™	Avery Dennison®
Screen Print & Sign Cut			
PRODUCT	Oracal High Performance 951	7125 Scotchcal™ ElectroCut™ Graphic Film	SC 900 Supercast
Details & Durability	2 mil, cast, 12 year durability	2 mil, cast, 5-7 year durability dependent on color	2 mil, cast, 10 year durability colors, 12 years black & white
Adhesive & Finish	Gloss, permanent	Gloss, clear pressure sensitive adhesive	High gloss and high surface smoothness, permanent adhesive
Additional Details	Fleet and vehicle applications	Flat and flat with rivet applications	Flat, flat with rivets, rivets & corrugations, complex curved surfaces. Also available in Easy Apply™ for repositionability and removability
PRODUCT	Oracal High Performance 751	7125 Scotchcal™ ElectroCut™ Graphic Film	SC 900 Supercast
Details & Durability	2 mil cast, 8 year durability	2 mil, cast, 7 year durability	2 mil, cast, 10 year durability colors, 12 years black & white
Adhesive & Finish	Ultra Gloss, matte, permanent adhesive	Gloss, clear pressure sensitive adhesive	High gloss and high surface smoothness, permanent adhesive
Additional Details	Uneven and curved surfaces, corrugations and rivets. Blue liner on white durability	Flat and flat with rivet applications	Flat, flat with rivets, rivets & corrugations, complex curved surfaces. Also available in Easy Apply™ for repositionability and removability
PRODUCT	Oracal 970 Premium Wrapping Cast	3M 1080	SC 900 Supercast Metallic (or Ultra Metallic*)
Details & Durability	4 mil, metallic, cast film, metallics 3-4 years	3.5 mil, cast, up to 7 years durability	2 mil, durability 7 years, cast vinyl film
Adhesive & Finish	Repositionable, permanent adhesive	Removable, pressure activated adhesive, various colors	High gloss metallic vinyl film, permanent adhesive, custom colors
Additional Details	Easily removable with the right equipment	Long-term removability (up to five years)	Long-term removability (up to five years), superior conformability for vehicle applications
PRODUCT	None	3M Scotchcal 3690	SC 900 Supercast Series - Hi Tack
Details & Durability		2 mil, solvent based acrylic. Warranty: 7 years. Expected life: 10 years	2 mil, durability black & white 12 years / color & clear 10 years. Air egress technology for bubble free application
Adhesive & Finish		Permanent adhesive (gray or clear). White, opaque, gloss.	High performance adhesion. Opacity 100%, high gloss premium flexible cast film
Additional Details		Application to flat or moderate compound curves with or without rivets	Superior conformability to irregular surfaces
PRODUCT	None	3M Scotchcal IJ39-20	HP 700 - Hi Tack
Details & Durability		3.5 mil - white opaque film, 5 year durability	3.4 mil - white face, opaque calendered film, 6 year durability
Adhesive & Finish		Hi tack, clear permanent adhesive	Matte face. High performance adhesive for difficult substrates
Additional Details		For Solvent, Eco-Solvent, UV and Latex Inkjet Printing and Screen Printing	Air egress technology for bubble free application
Details & Durability	None	None	3.0 mil - black face, opaque calendered film, 6 year durability
Adhesive & Finish			Gloss face. High performance adhesive for difficult substrates
Additional Details			Air egress technology for bubble free application
PRODUCT	Oracal 651 Intermediate	Scotchcal™ 50 Intermediate Gloss durability	HP700 Series High Performance Calendered
Details & Durability	2.5 mil, calendered, opaque, 6 year durability	3 mil, calendered, 5 year indoor, 3 year outdoor durability	3 mil, calendered, 6 year durability
Adhesive & Finish	permanent adhesive, high gloss or matte (black/white) finish	Gloss, clear adhesive, removable up to 3 years	High gloss & semi-gloss, permanent adhesive
Additional Details			Opaque, #78 Kraft Liner
PRODUCT	Orafol 341 Promo Calendered	Scotchcal™ 50 Intermediate Gloss durability	PC 500 Promotional Calendered
Details & Durability	3 mil, calendered, gloss	3 mil, calendered, 5 year indoor, 3 year outdoor durability	3.2 mil, 5 year durability
Adhesive & Finish	3 year durability, 2 years on metallic water-base permanent	Gloss, clear adhesive, removable up to 3 years	High gloss finish, permanent adhesive
Additional Details			78# bleached kraft liner, opaque
PRODUCT	Oracal 8800 Translucent	Scotchcal™ Translucent 3630 Film Series	Ultimate Cast 900 Translucent
Details & Durability	10 year durability, 2 mil cast	2 mil, cast, 7 year durability	2 mil, cast 9 year durability
Adhesive & Finish		Matte	Matte
PRODUCT	Oracal 8500 Translucent durability	Scotchcal™ Translucent Graphic Film Series 3630	PR 800 (Premium Cast) Translucent durability / UC900 (Ultimate Cast) Translucent durability
Details & Durability	7 year durability, 5 year on metallics	2 mil, cast, 7 year durability	PR800: 3 mil, cast, 5 year durability / UC900: 2 mil cast, 9 year durability
Adhesive & Finish	3 mil, calendered, permanent, clear adhesive	Permanent, clear adhesive	Permanent, clear adhesive
Additional Details			

	Orafol®	3M™	Avery Dennison®
PRODUCT	Orafol 352 / 352	none	Specialty Film 100
Details & Durability	Brilliant Metalized Polyester Mirror Film, 2 year chrome, 1 year gold		Brilliant Metallized Polyester Mirror Film, 1 year durability
Adhesive & Finish	Chrome Mirror, Gold Mirror, Gold, metallic, transparent, white		Chrome Mirror, Brush Chrome, Brushed or Mirror Gold, Double Sided Gold
PRODUCT	Orafol 383 Ultra Leaf	none	Specialty Film 100 A5863 & A5864
Details & Durability	3.5 mil, 5 year durability, permanent		4-5 mil, 5 year outdoor durability, permanent
Additional Details	Hammered Leaf Pattern - Silver Leaf & Gold Leaf		Hammered Leaf Pattern - Silver Leaf & Gold Leaf
PRODUCT	Orafol 8510 Etched (calendared) & Orafol 8810 Frosted (cast)	7725SE-314 Dusted / 7725SE-324 Frosted	Specialty Film 100 - A5861 Etched Glass & A5862 Frosted Sparkle
Details & Durability	3 mil, 7 year durability	2 mil / 3.8 mil. Both have 4 year outdoor & 15 year indoor durability	2 mil, 5 year durability outdoor, 15 year durability indoor
Additional Details	Flat applications	Permanent adhesive. Flat applications	Flat applications
PRODUCT	none	none	Specialty Films 100 Static Cling durability in White and Clear
SUPREME WRAPPING FILM			
PRODUCT	Orafol 970 / 975 RA Wrapping Cast	Wrap Film Series 1080	SW 900 Supreme Wrapping Film™
Details & Durability	4 mil, Clean removability up to 4 years	3.5 mil, 5 year durability, 3 year durability on carbon fiber, brushed metal	3.2 mil, cast, 10 year durability on colors, clean removability up to 4 years
Adhesive & Finish	No overlamine required	No overlamine required, repositionable, pressure activated adhesive	No overlamine required, Easy Apply™ RS - air egress (EZ), repositionable, slidable (RS)
Additional Details	Built in protective clear coat layer	Air release channels, up to 7 year durability on colors	Built in protective clear coat layer
DIGITAL MEDIA			
PRODUCT	Orajet 3751RA / Orajet 3951RA	IJ180Cv3 / IJ380Cv3	MPI1005 Supercast
Details & Durability	2.25 mil, cast, 8 year durability / 2 mil, cast, 10 year durability	2 mil, cast, 7 year (180Cv3) / 10 year (380Cv3) durability	2 mil cast, 10 year outdoor durability, clean removability for up to 5 years
Adhesive & Finish	Rapid Air (RA) Technology	White luster Comply™ v3 Adhesive	Gloss, available in EZ/EZ RS - air egress (EZ), repositionable, slidable (RS), Opaque
PRODUCT	Orajet 3850 Translucent	IJ63-20	MPI2050 Translucent
Details & Durability	3 mil, calendared, 7 year durability	3.2 mil, calendared, 1 year durability	3.2 mil, calendared, 5 year outdoor durability
Adhesive & Finish	Clear solvent based, permanent adhesive	Removable, short term	Clear permanent acrylic adhesive
Additional Details	90# P.E.-coated silicone paper liner		Polyethylene coated 90# StaFlat® Liner
PRODUCT	Orajet 3651	3M IJ160	MPI2102 / MPI2103
Details & Durability	2.5 mil, calendared, 5 year film	4 mil, white opaque calendared, 7 year durability	3.1 mil, white calendared, 6 year durability
Adhesive & Finish	Removable / Permanent	Gray, pressure-activated adhesive	Acrylic based, gray - (2102) removable / (2103) permanent
Additional Details	90# PE-coated silicone paper liner, gray opaque solvent	Resistant to water. For Solvent, UV and Latex Inkjet Printing Only	100% opacity. Outstanding durability and outdoor performance
PRODUCT	Orajet 3551RA	3M40C	MPI2105 Gloss EZ or EZ RS
Details & Durability	2.75 mil calendared, 7 year durability with clean removability for 4 years	3 mil, calendared, 7 year durability	3.1 mil calendared, 6 year durability, removable for 5 years
Adhesive & Finish	Air-egress, gray, permanent	Air release and Comply™ adhesive, gray	EZ/EZ RS - air egress (EZ), repositionable, slidable (RS)
Additional Details	Opaque, 90# PE-coated silicone paper liner		
PRODUCT	Orajet 3651ra	3MIJ160C	MPI2105 EZ RS
Details & Durability	2.5 mil, 5 year outdoor durability.	4 mil, calendared, 7 year durability with clean removability for 3 years	3.1 mil, calendared, 6 year durability, clean removable for 3 years
Adhesive & Finish	White Gloss. Grey opaque solvent, permanent adhesive.	Gray adhesive, polyethylene coated paper liner	Gloss, LTR, Easy Apply™ RS - air egress (EZ), repositionable, slidable (RS)
Additional Details			90# StaFlat® liner
PRODUCT	Oracal 3105 HT	3M IJ39	MPI2126 - Hi Tack
Details & Durability	4 mil, high tack calendared, 5 year durability	3.5 mil, solvent, UV, latex inkjet printing, matte, 5 year typical usage (vertical)	3.4 mil, printable calendared film, 6 year durability
Adhesive & Finish	Permanent, solvent based, grey adhesive, white	Clear adhesive, permanent, double sided poly-coated paper	Opaque, matte finish, 90# easy apply liner, with permanent adhesive
Additional Details	For long-term graphic applications	Low energy surfaces. For smooth, flat and simple curved surfaces	This product is ideal for a variety of outdoor projects, with flat to simple curves
PRODUCT	Orajet 3651RA / 3165RA	3M IJ35C-10 / 3M IJ35C-20	2903 EZ / 2923 EZ
Details & Durability	2.5 mil, 5 year outdoor durability / 4 mil, 5 year outdoor durability	3.2 mil, 5 year durability, non-cast film, opaque white	2903 - 3.2 mil, calendared, 4 year durability / 2923 - 3.4 mil, calendared, 5 year durability
Adhesive & Finish	Gloss, grey solvent, permanent, RapidAir® Technology	IJ35C-10, gloss / IJ35C-20, matte. Bubble free. Comply grey adhesive	Gloss (2903) or matte (2923), Grey permanent solvent adhesive, EZ- air egress technology

	Orafol®	3M™	Avery Dennison®
PRODUCT	Orajet 3620	3M IJ11-114	MPI2077
Details & Durability	3 mil transparent film, 4 year durability	3.5 mil clear cal, gloss clear, 3 year durability	MPI2077 - 4 mil, 1 year durability, clear low-tack, 1 year clean removability
Adhesive & Finish	Clear removable adhesive. Gloss or matte finish	gloss, clear permanent adhesive	Ultra removable adhesive. Translucent and stable liner for easy converting.
Additional Details	Window graphics or POP applications. Printable.	Printable. Interior/exterior application	Consistent printability. Commonly used for interior/exterior window graphics.
PRODUCT	Orajet 3691 / 3169RA / 3751 RA	IJ35	MPI2902 / MPI2922
Details & Durability	3691 - 2.75 mil, calendered, 5 year durability	3.2 mil, calendered, 5 year film	MPI2902 - 3 mil, 4 year durability, gray opaque, 1 year clean removability
Details & Durability	3169 RA - 4 mil, calendered, 5 year durability	Pressure sensitive, permanent, gray adhesive, white gloss and matte	MPI2922 - 3.4 mil, 5 year durability, gray opaque, 3 year clean removability
Details & Durability	3751 RA - 2.25 mil, cast, 8 year durability	Polycoated, paper liner	
Adhesive & Finish	gray opaque, removable, RapidAir™		
PRODUCT	ORAJET® Series 3621	3M IJ36-20	MPI2921 EZ Removable Film
Details & Durability	3 mil white calendered vinyl	3 mil, polymeric calendered film, 1 year durability	3.4 mil, calendered vinyl film, 1 year durability, 1 year clean removability
Adhesive & Finish	Removable adhesive, Gloss or matte	Grey pressure sensitive adhesive. White opaque film.	EZ Apply, removable clear adhesive allows for bubble free installation
Additional Details	Solvent, eco-solvent, UV and latex	Eco solvent, solvent and UV printing capability.	100% opacity. Screen and inkjet printable (base, solvent, UV and latex)
PRODUCT	Orafol 3169RA	3M 40C/ IJ160C	MPI2105 EZ / EZ RS
Details & Durability	4 mil, calendered, 5 year durability	40C: 3 mil, calendered, 7 year vertical durability. Comply™ removable adhesive, gray, air release for bubble-free application.	3.1 mil, calendered, 6 year durability, clean removable for 3 years
Details & Durability	Removable grey adhesive. White gloss or matte surface	IJ160C: 4 mil, calendered, 7 year durability. Comply™ removable adhesive, grey, air release for bubble-free installation.	Gloss, LTR, EZ RS - air egress (EZ), repositionable, slidable (RS)
Additional Details			90# StaFlat® liner
PRODUCT	Orajet 3640 / 3164 / 3641	IJ10 / IJ35 / IJ11	MPI3303 / MPI 3323
Details & Durability	3640(clear) - 3 mil, 4 year durability, permanent water based-adhesive, matte or gloss white	IJ11 (gray) - 3.1 mil, 3 year film, calendered, white, permanent	3303 - 3 mil, calendered, 3 year durability, gloss, gray permanent, 78# Kraft Liner
Details & Durability	3164(clear) -4 mil, 4 year durability, permanent, water-based adhesive, PVC gloss or matte white	IJ10 (clear) - 3.1 mil, 3 year film, calendered, white, permanent	3323 - 3.4 mil, calendered, 4 year durability, matte, gray permanent, 78# Kraft Liner
Details & Durability	3641(gray) - 3 mil, 4 year durability, permanent, water-based adhesive PVC gloss or matte white	IJ35 (gray) - 3.2 mil, 5 year film, permanent adhesive, gloss or matte	
PRODUCT	Orajet 3621	IJ10 / IJ11	MPI3302 / MPI3322
Details & Durability	3621 - 3 mil, calendered, 4 year film	IJ10 - 3.1 mil, 3 year film, calendered, white	3302 - 3 mil, calendered, 4 year durability
Details & Durability		IJ11 - 3.1 mil, 3 year film, calendered, white	3322 - 3.4 mil, calendered, 4 year durability
Adhesive & Finish	3621 - removable adhesive, gloss and matte / (3621) permanent, matte white	IJ10 (clear) / IJ11 (gray), permanent	Gloss (3302) and matte (3322) - gray removable
Additional Details	83#, silicone-coated paper liner		78# Kraft Liner
PRODUCT	Orajet 3109 Transit	IJ46 Transit / IJ3555	MPI2121 Transit
Details & Durability	4 mil, short to medium durability, 2 year durability	4 mil, calendered, 1 year durability / 2 year durability	3.4 mil calendered,, 1 year durability
Adhesive & Finish	Gloss, gray, removable	Gray opaque, removable	100% opaque face or matte, removable
Additional Details	90# PE-coated silicone paper liner		Temporary transit vinyl. Inkjet printable (Latex, solvent, Eco solvent, UV)
PRODUCT	Orajet 3268 Wall Art Digital / Orajet 3628	IJ86E Wall Decorating film	MPI2611 Wall Film
Details & Durability	6 mil 2 year durability / 3 mil 3 year durability	6 mil	6 mil, calendered, 4 year outdoor durability, 7 year indoor durability
Adhesive & Finish	Repositionable, removable	Slidability, repositionability and air release channels	Clear removable acrylic adhesive, doesn't require overlaminates
Additional Details	Indoor use only, 83# silicone coated paper	Max ink 280%, UV print only	Meets ASTM E84 Class 1 or A standards

	Orafol®	3M™	Avery Dennison®
OVERLAMINATES			
PRODUCT	Oraguard 290 Gloss & Matte	8519 Luster & 8520 Matte	DOL 1060 Gloss & DOL 1080 Matte
Details & Durability	2 mil, 8 year durability, cast durability, permanent	2.1 mil, 5 year durability, cast durability, permanent	Product Details, Durability: 2.1 mil, cast, 5 year durability, permanent
Additional Details		Pressure sensitive	Superior UV protection, conform to rivets, corrugations and compound curves
PRODUCT	Oraguard 293	8518	DOL1360, 1370, 1380
Details & Durability	1 mil, cast, 8 year durability. Permanent adhesive. Gloss finish	2 mil, 3 year durability, cast, gloss durability	1.3 mil, cast, 4 year durability, permanent (gloss / luster / matte)
PRODUCT	None	8580	DOL1460
Details & Durability		1.2 mil, 6 year durability, cast, gloss	1.3 mil, cast, 4 year durability, permanent, gloss
PRODUCT	Oraguard 290F Optically Clear Overlaminates	8914 Optically Clear Overlaminates	DOL 1560 Optically Clear Overlaminates
Details & Durability	2 mil, 8 year durability, cast, gloss durability, permanent	2 mil, 2 year durability, cast gloss durability	2.1 mil, cast, 2 year durability, permanent, gloss
PRODUCT	Oraguard 215 gloss , matte and semi gloss	8508 Gloss	DOL 2060, 2070, 2080
Details & Durability	2.75 mil, 5 year durability, calendared durability, permanent	2.3 mil, 4 year durability, intermediate cast durability, luster: 8509	3.1 mil, calendared, 3 year durability, permanent (gloss / luster / matte)
Additional Details			Protects from moisture, abrasion and UV, glare resistant
PRODUCT	Oraguard 210	none	DOL3060, 3070, 3080
Details & Durability	2.5 mil, 4 year durability, permanent (matte, gloss semi gloss)		3.2 mil, 2 year durability, calendared, (gloss / luster / matte)
Additional Details			Protects from scratches, enhances color
PRODUCT	None	3M 8548	DOL6460
Details & Durability		2 mil cast transparent vinyl, 9 year durability	1.5 mil, transparent synthetic flexible film, 5 year durability,
Additional Details		Gloss finish, scratch resistant, for vehicles and textured building signs	High gloss finish, permanent clear adhesive. For vehicles, signs, windows, floor graphics
PRODUCT	Oraguard 220 HG	None	DOL6560
Details & Durability	1.5 mil polyester overlaminates, 2 year durability		1.0 mil, optically clear polyester, 1 year durability. Great for perforated window graphics.
Adhesive & Finish	Transparent high gloss finish. Clear permanent adhesive.		Transparent high gloss finish. Permanent adhesive
Additional Details			Features horizontal application ability. The thinnest film offered for short-term applications
PRODUCT	Oraguard 220 HG	None	DOL6960
Details & Durability	1.5 mil polyester overlaminates, 2 year durability		2.0 mil, clear rigid polyester overlaminates, 1 year durability.
Adhesive & Finish	Transparent high gloss finish. Clear permanent adhesive.		High gloss finish with improved scratch resistance. Permanent adhesive.
Additional Details			Features horizontal application ability. Trains, buses and signage

UD: 6-18-15 / 5:16PM - JK. This cross-reference chart is based upon publicly available information, and provides a general comparison of products. For specific information only on Avery Dennison products, including the applicable warranty, please refer to the respective Product Data Bulletin, Instructional Bulletins, or Warranty Program documents available through Avery Dennison. It is the responsibility of the convertor and end user to determine if a particular product is acceptable for use in a specific application, and no warranty, express or implied, including but not limited to implied warranties for merchantability or fitness for use, is provided by this cross reference chart. This chart is for general comparison purposes only, and in no way suggests that the products listed are exactly alike, are equivalent in every respect, or have the same warranty statement in regards to overall end use performance.