

Plasticizer / PVC Application Selection Guide

SEGMENT	END PRODUCT	DESIRED PERFORMANCE PROPERTY	PARAPLEX® / PLASTHALL® CHOICES
APPAREL	Plastisol coated fabric	Flexibility, migration resistance, and permanence	Utilize PARAPLEX APPROACH for recommendations
	Plastisol silk screen inks	Flexibility, migration resistance, and permanence	Utilize PARAPLEX APPROACH for recommendations
APPLIANCES	Sealing gaskets & grommets	Migration resistance	A-8200, A-8600, G-54, G-57, P-550, P-7046
AUTOMOTIVE	Instrument panels (crash pads)	Long term permanence, low volatility (good heat aging), heat and UV stability	For calendered stock process utilize PARAPLEX APPROACH; For slush molding process > A-8000, A-8200, P-670
	Interior trim items, molded parts, horn pads, and air bag covers	Long term permanence, low volatility (good heat aging)	DIDP, ESO, TOTM, G-62, utilize PARAPLEX APPROACH
	Plastisol sealants	Low volatility and migration resistance	A-8000, A-8600, G-25, G-30, G-40, G-54, G-57, P-550, P-670
BELTING	Food conveying	Oil extraction resistance	ESO, A-8000, A-8200, A-8600, G-30 USDA, G-62, P-643
	Grain conveying	Low temperature flexibility and extraction resistance	ESO, A-8000, A-8210, G-30 USDA, G-62, P-670
	General conveying	Extraction resistance	ESO, A-8200, A-8600, G-30, G-40, G-41, G-54, G-57, G-62, P-7046
COATINGS	Coil	Flexibility and permanence	TOTM, G-30, P-550
	Paints	Flexibility and permanence	ESO, A-8000, G-30, G-41, G-57, G-62
	Pigment dispersions	Flexibility and permanence	ESO, G-59, G-62
CONSTRUCTION and HOUSING	Roofing	Low temperature resistance and permanence	A-8200, A-8600, G-57, P-7046
	Wall Coverings	Permanence	A-8000, A-8210, G-50
FILM and SHEET (supported and unsupported)	Flexible films (75 - 95 PHR plasticizer) for wall coverings and upholstery fabric	For extraction resistance > For migration resistance > For low temperature flexibility >	A-8200, A-8600, G-40, G-54, P-550, P-7046 A-8200, A-8600, G-40, G-54, G-57, G-59, G-62, P-550, P-7046 CF, DOS, DOZ, ESO, A-8000, A-8210, G-62
	Printable films	Migration resistance and printability	UVC, RX-13705
FILM and SHEET (supported and unsupported)	Semi-rigid sheets (30 - 50 PHR) for roofing and tank linings	For extraction resistance > For migration resistance > For UV stability >	A-8200, A-8600, G-40, G-54, P-550, P-7046 A-8200, A-8600, G-40, G-54, G-57, G-59, G-62, P-550, P-7046 LS, G-59
FOAM (expanded sheet goods)	Sealing applications	Flexibility, permanence, and cell formation	A-8030, A-9000, P-550
	Sound deadening	Flexibility, permanence, and cell formation	A-8030, A-9000
FOOD CONTACT	Can linings	Extraction Resistance	A-8200, G-25, G-62
	Conveyor belting	Extraction Resistance	ESO, A-8000, A-8200, A-8600, G-30 USDA, G-62, P-643
	Crown seals	Extraction Resistance	A-8200, A-8210, G-25, G-54, G-62
	Hose and tubing	Extraction Resistance	DOA, A-8200, G-57, P-643
FOOTWEAR	Slush molded	Extraction Resistance	G-30, G-54, G-62
	Cast plastisol	Low Temperature Flexibility	DOA, DIDA, ESO, A-8000, P-670
GLOVES	Dip molding	Extraction Resistance >	DOA, DIDA, ESO, A-8000, A-8200, G-30, G-54, G-62, P-670
		Low Temperature Flexibility >	A-8000, CF, DOA, DIDA, ESO, G-62, P-670
HOSE and TUBING (also see FOOD)	Gasoline carrying	Extraction Resistance >	A-8000, A-8200, A-8600, G-54, G-57, G-59, P-670, P-7046, P-7092

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MEDICAL	Film and tape	Extraction and migration resistance	A-8200, A-8600, G-54, G-57, G-62, P-643
	Tubing	Migration resistance	A-8200, A-8210, A-8600, P-643
PRINT ROLLS	PVC ink rolls	Solvent Extraction	A-8200, A-8600, G-40, G-54, G-57, P-550, P-7046
TAPES and DECALS (adhesive backed)	Electrical tape	Low temperature flexibility and migration resistance	A-8000, G-57, P-670
	Specialty tape	Permanence and migration resistance	A-8000, A-8200, A-8600, G-25, G-40, G-50, G-54, G-57, P-550, P-643, P-670
	Indoor applications (decorative films and decals)	Permanence and migration resistance	A-8000, A-8200, A-8210, A-8600, G-25, G-40, G-41, G-54, G-57, G-59, G-62
	Outdoor applications	Permanence, migration and weather resistance	ESO, LS, A-8200, A-8600, G-59, G-62, P-550, P-7046, P-7092
WIRE and CABLE	Machine tool	Oil extraction resistance, low volatility and good heat aging	ESO, A-8000, A-8200, A-8600, G-57, G-62, P-670, P-7092
	Cable jacket	Low temperature flexibility	A-8000, A-8210, G-30, P-670
	Plenum	Low temperature flexibility, low volatility, and smoke resistance	P-745
	Telephone and electronic	Lacquer mar resistance and migration resistance	TOTM, A-8200, A-8600, P-7046, P-7092