

FOIL RECOMMENDATIONS

Materials to be Marked	First Choice	Alternate
Acetates	K-290	
Acrylics (Plexiglas)	K30	
Anodized aluminum foil labels	No Fault	
Celluloid	K-30	
Crosslinked neoprene	No Fault	
Crosslinked polyethylene (XL-PE)	No Fault	
Crosslinked polyolefin	No Fault	
Crosslinked polyvinyl chloride (XL-PVC)	No Fault	K-520
Ethylene tetrafluoroethylene (TEFZEL ETFE)	K-520	
Fluorinated ethylene propylene (FEP)	K-520	
Irradiated ethylene tetrafluoro-ethylene (XL-ETFE)	K-520	
Irradiated polyvinylidene-fluoride (KYNAR, XL-PVF2)	No-Fault	K-30
Plastic name tags & parts	K-290	
Polyamides (NYLONS)	K-30	K-520
Polyethylene	No Fault	K-30
Polymer of chloroprene (NEOPRENE)	No Fault	
Polyolefin	No-Fault	K-520
Polytetrafluoroethylene (TEFLON TFE)	K-520	
Polyvinyl chloride (PVC)	No-Fault	K-30
Polyvinylidene fluoride (KYNAR)	No-Fault	K-30
Ethylene propylene drane monomer (EPDM)		

FOIL CROSS-REFERENCE CHART

Foil	Recommended Application	Temp	Dwell
K-30*	Thermoplastic materials, including:		
	Acrylics (PLEXIGLAS)	325-375	Quick
	Celluloid	325-375	Quick
	Polyethylene	325-375	Quick
	Polyamides (NYLONS)	325-375	Quick
	Polyvinyl chloride (PVC)	325-375	Quick
	*The K-30 Black is a conductive foil and does not comply with Material Specification KMC-F-594		
K-290	Acetates	300-375	Quick
	MYLAR labels	300-375	Quick
	Plastic name tags and parts	300-375	Quick
No Fault	Anodized aluminum foil labels	300-375	Quick
	Crosslinked neoprene	300-375	Quick
	Crosslinked polyolefin	300-375	Quick
	Crosslinked polyethylene (XLPE)	300-375	Quick
	Crosslinked polyvinyl chloride (XLPVC)	300-375	Quick
	Irradiated polyvinylidene fluoride (KYNAR XLPVF)	300-375	Quick
	Polyethylene	300-375	Quick
	Polyvinylidene fluoride (KYNAR)	300-375	Quick
	Polyvinyl chloride (PVC)	300-375	Quick
K-520	Polyvinylidene fluoride (KYNAR)	325-375	Quick
	Fluorinated ethylene propylene (FEP)	325-375	Quick
	Ethylene tetrafluoroethylene (TEFZEL ETFE)	325-375	Quick
	Irradiated ethylene tetrafluoroethylene (TEFZEL XETFE)	325-375	Quick

Note: All of the above information is believed to be reliable. Because materials vary in properties from manufacturer to manufacturer, all users should independently evaluate the suitability of each foil for their particular application.