

Materials Chart

Material Family	Thickness in Inches	Material Name	Special Features
Neoprene/Nylon	0.010	10NN	General purpose
	0.018	18NN	General purpose
	0.033	33NN	General purpose
	0.040	40NNFG	Food grade
	0.070	70NNFG	Food grade
	0.070	70NN	General purpose
	0.135	135NN	General purpose
Hypalon/Nylon	0.016	16HN	UV/Ozone resistance
	0.020	20HP	UV/Ozone resistance
	0.030	30HYP (Tubing)	UV/Ozone resistance
	0.032	32HP	UV/Ozone resistance
	0.033	33HN	UV/Ozone resistance
	0.045	45HYP	UV/Ozone resistance
	0.060	60HN	UV/Ozone resistance
	0.060	60HYP (Black)	UV/Ozone resistance
	0.060	60HYP (Gray)	UV/Ozone resistance
	0.070	70HN	UV/Ozone resistance
	0.125	125HYP	UV/Ozone resistance
	0.135	135HN	UV/Ozone resistance
	Butyl/Nylon	0.018	18BN
0.033		33BN	Chemical resistance
0.040		40BN	Chemical resistance
0.070		70BN	Chemical resistance
Buna/Nylon	0.018	18BNN	Coolant/oil resistance
	0.033	33BNN	Coolant/oil resistance
	0.040	40BNN	Coolant/oil resistance
	0.070	70BNN	Coolant/oil resistance
Aluminized/Fiberglass	0.010	10AF	High ambient temperature material
	0.025	25AF	High ambient temperature material
Aluminized/Kevlar	0.020	20AK	High ambient temperature material
Teflon/Fiberglass	0.010	10TF	High ambient/coolant resistance
	0.016	16TF	High ambient/coolant resistance
	0.020	20TF	High ambient/coolant resistance
PVC/Polyester	0.010	10VN	Coolant resistance
	0.014	14VN	Coolant resistance
	0.018	18VN	Coolant resistance
Urethane/Polyester	0.007	07UND	Chemical resistance
	0.012	12UND	Chemical resistance
	0.020	20UN	Chemical resistance
Urethane/Kevlar	0.014	14UK	Coolant resistance/Puncture resistance
PTFE	.007-.012	PTFE	Impervious to most chemicals
PTFE/Urethane	0.014	14TU	Chemical resistance
Preoxidized/Kevlar	0.014	14UPK	Weld spatter resistance
	0.014	Lasertex	Weld spatter resistance
	0.020	20UPK	Weld spatter resistance
Silicone/Fiberglass	0.016	16SF	High ambient/Higher cycle life
	0.030	30SF	High ambient/Higher cycle life
	0.032	32SF	High ambient/Higher cycle life
Viton/Kevlar	0.040	40VK	High ambient/chemical resistance
	0.070	70VK	High ambient/chemical resistance
Viton/Nylon	0.040	40VN	High ambient/chemical resistance
	0.070	70VN	High ambient/chemical resistance