

Material	Gauge	Surface	COF
Nu-Ice	0.125	Unsanded	0.28
HDPE	0.100	Smooth	0.43
Textured Alum.			0.43
HDPE	0.060	L.H.	0.44
HDPE	0.100	R.M.	0.44
Hussey Alum.			0.46
HDPE	0.100	Q.R.	0.48
K203	0.050	Q.R.	0.50
HDPE	0.050	R.M.	0.56
PC/ABS	0.050	C.I.	0.60
HDPE	0.050	Q.R.	0.61
FR FRP	0.090	C.I.	0.61
ABS	0.040	C.I.	0.62
HMWPE	0.050	Q.R.	0.62
P.P.	0.030	C.I.	0.63
FRP	0.090	C.I.	0.64
Vinyl Laminate			0.68
HMWPE	0.030	C.I.	0.70
P.P.	0.050	L.H.	0.71
ABS	0.040	L.H.	0.71
TPO/PP	0.100	R.M.	0.72
ASA	0.050	Q.R.	0.80
P.P.	0.050	Q.R.	0.83
P.P.	0.100	Q.R.	0.84
Kydex	0.030	L.H.	0.84
ASA	0.030	C.I.	0.88
NP602 Phenolic	0.250		0.89
NP602 Phenolic	0.125		0.89
GripStar	0.080		1.00 +

Test Procedures-ASTM C1028-89, F609-79

The ADA has determined the standards to be .60 COF for walking surfaces and a .80 COF for ramps or inclines.

The OSHA recommendation COF for floors is .50

Key for chart:

Materials:

Nu-Ice - low COP formulation HDPE

HDPE - high density polyethylene

Textured Alum - painted, textured aluminum

Hussey Alum - anadized, textured aluminum

K203 - specialty resin

PC/ABS - polycarbonate/ Acrylonitrile Butadiene Styrene blend

FR FRP - fire retardant fiberglass reinforced plastic

PP - polypropylene

FRP - fiberglass reinforced plastic

Vinyl laminate - (PVC) - polyvinyl chloride

ABS - Acrylonitrile Butadiene Styrene blend

TPO/PP - thermoplastic olefin / polypropylene blend

Kydex - textured acrylic PVC

NP602 Phenolic - phenolic sheet

GripStar - non-skid textured FRP

Textures:

Smooth

L.H. - level hair cell

R.M. - Royal Moroccan

Q.R. - quad ripple

C.I. - cracked ice