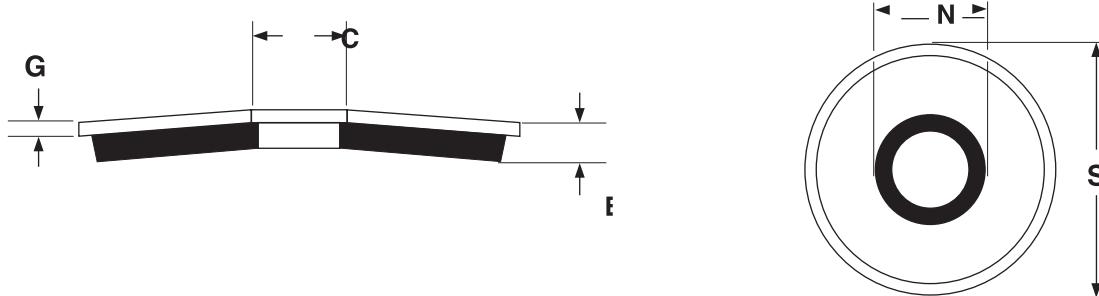


# SEALING WITH NEO-EPDM SURFACE



## NEO-EPDM SEALING WASHERS

For Use with Screw of this Nominal Diameter	S		N		G	C		E	
	Outside Diameter of Steel Section		Inside Diameter of Steel Section		Thickness of Steel Section	Inside Diameter of EPDM Section		Thickness of EPDM Section	
	Max	Min	Max	Min	Ref	Max	Min	Max	Min
10	0.505	0.493	0.219	0.204	0.031	0.154	0.129	0.087	0.070
12	0.556	0.544	0.246	0.225	0.031	0.189	0.165	0.087	0.070
1/4	0.635	0.622	0.305	0.261	0.031	0.224	0.200	0.087	0.070
1/4	0.753	0.740	0.305	0.281	0.031	0.224	0.200	0.087	0.070
3/8	0.753	0.740	0.427	0.406	0.031	0.358	0.334	0.087	0.070
7/16	0.871	0.858	0.505	0.485	0.031	0.386	0.361	0.087	0.070
1/2	1.004	0.992	0.560	0.540	0.031	0.484	0.459	0.087	0.070
3/4	1.504	1.491	0.836	0.815	0.031	0.771	0.746	0.087	0.070
1	2.003	1.990	1.032	1.011	0.031	0.967	0.943	0.087	0.070

Description	A thin conically-shaped circular steel stamping with a centrally located hole, bonded to a similarly shaped rubber-like piece which has a slightly smaller outside and inside diameter. When these washers are assembled (rubber side down) to self-piercing or self-drilling screws, those fasteners become "sealing screws".		
Applications / Advantages	When assembled with the proper sized screw, this washer: (a) offers protection against leakage; (b) provides load bearing qualities superior to that of a regular flat washer; (c) reduces the chance of the fastening becoming loose due to vibration; (d) minimizes damage to the mating surface caused by contact with a steel washer.		
Material	Steel	Stainless	
	Steel Section of washer: 20 gauge steel Elastic Section of washer: Style 40 EPDM sheet	Steel Section of washer: 18-8 Stainless steel Elastic Section of washer: Style 40 EPDM sheet	
Hardness	EPDM material: Shore A 65 - 75 (Durometer scale)		EPDM material: Shore A 65 - 75 (Durometer scale)
Plating	Metal Section of washer: Galvanized		Metal Section of washer: Stainless is passivated.