

Engineered to provide a custom seal for trouble-free sealing and installation

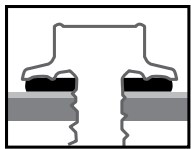
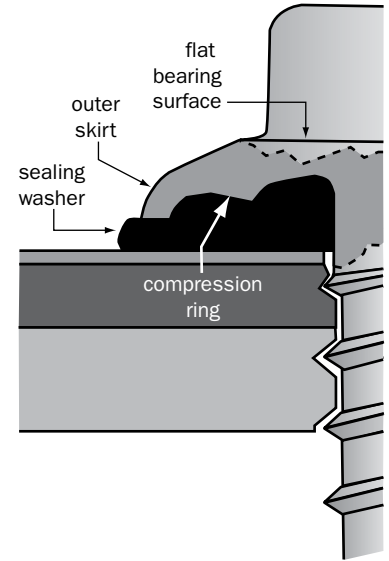
The Flo-Seal® sealing system from Elco Construction Products is a one-piece design that incorporates a unique outer skirt and inner compression ring plus a premium corrosion-resistant finish.

Custom seal through controlled flow of EPDM sealing washer

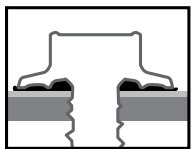
A compression ring and outer skirt are designed right into the fastener head. When driven, this configuration controls the flow of the special sealing washer, ensuring sealing in critical applications.

Trouble-free installation and seating

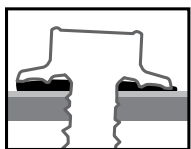
The flat bearing surface at the base of the hex head means easier, more stable driving. The Flo-Seal design actually compensates for different installation situations and techniques.



If under-driven, the compression ring design results in a low torque seat



If over-driven, the compression ring, outer skirt and rugged washer prevent spinout while the one-piece head design eliminates the possibility of washer inversion.



If angle-driven, the design of the fastener head, outer skirt, compression ring and special washer ensures a positive seal.

Special rugged sealing washer

- Designed to prevent spin-out and tearing
- UV- and heat-resistant – counteracts the effects of thermal change and building movement
- No metal-to-metal contact between fastener head and washer

Stalgard® coating standard

Stalgard coating provides superior corrosion resistance. Fasteners coated with Stalgard finish typically show no red rust or other base metal corrosion on significant surfaces even after 800 hours of 5% neutral salt spray exposure (ASTM B117).

Benefits

- Fastener head engineered to control the flow of the special sealing washer, ensuring sealing in critical areas
- Provides reliable and consistent sealing even in under-tightened, over-tightened or angle-driven installations
- Ensures long-term protection against leakage
- Compensates for different installation situations and techniques
- Stalgard® coating provides 800 hours of salt spray resistance (per ASTM B117)
- Available in point sizes 1 and 2 for metal applications up to .210"
- Can be installed with standard drive tools

Self-Drilling Fasteners for Steel Applications

Can be used in panel-to-panel or metal panel-to-steel structural applications up to .210" thick



Specifications

Sizes: #12 and 1/4"

Lengths: 3/4" to 2"

Point Types: #12 has #2 point; 1/4" has #1 or #3 point

Drive/Head Style: 5/16" hex washer head

Washer Design: EPDM one-piece integral washer, 9/16" O.D.

Material: Carbon steel

Finish: Stalgard[®] coating

Installation Tools: Can be installed with standard drive tools

Cat. No.	Description	Carton Qty	Point	Finish
#10 Diameter Hex Washer Head Carbon Steel				
HFHB105P	10-16 x 3/4	1,000	#2	Stalgard
HFHB135P	10-16 x 1 1/2	1,000	#2	Stalgard
#12 Diameter Hex Washer Head Carbon Steel				
HFHB150P	12-14 x 3/4	1,000	#2	Stalgard
HFHB180P	12-14 x 1	1,000	#2	Stalgard
HFHB235P	12-14 x 1 1/4	1,000	#2	Stalgard
HFHB295P	12-14 x 1 1/2	1,000	#2	Stalgard
1/4" Diameter Hex Washer Head Carbon Steel				
HFHB515P	1/4-14 x 7/8	1,000	#1	Stalgard

Pull-Out Values (Average lbs. Ultimate)

Dia.	Point Style	Gage						
		24	22	20	18	16	14	12
#12	2	241	287	371	607	844	1184	1860
1/4"	1	327	433	565	802	1148	-	-
1/4"	3	229	290	341	617	884	1141	1852

Drilling Range

Point Size	Dia.	Application Range
#1	1/4"	light gage sheets up to 18 ga.
#2	#12	up to .150"

Performance Values

Dia.	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Min. Torsional (in.-lbs)
#12	2800	1875	92
1/4"	3850	2590	150

Distributed By:



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