



Full Pushbutton Boots – IP66/68 Rated

Thread Size	Max. Plunger Height		A		B Flat		C I.D.		Military Part Number	APM Boot Part Number	Color*	HEXSEAL	E-SEAL
	inch	mm	inch	mm	inch	mm	inch	mm					
8-40 NS-2B	.118	3.00	.226	5.70	.250	6.35	.125	3.18	—	1231/17	Gray	•	
8-40 NS-2B	.188	4.76	.297	7.54	.250	6.35	.120	3.18	SCL6303A-03	N5045	Gray	•	
1/4-32NS-2B	.203	5.16	.313	7.94	.375	9.53	.188	4.76	M5423/10-01	N5040G	Gray	•	
1/4-32NS-2B	.453	11.51	.531	13.49	.375	9.53	.125	3.18	—	1231/32	Gray	•	
1/4-40NS-2B	.141	3.57	.313	7.94	.375	9.53	.188	4.76	M5423/10-03	N5040	Gray	•	
1/4-40NS-2B	.203	5.16	.313	7.94	.375	9.53	.188	4.76	M5423/10-02	N5040R	Gray	•	
1/4-40NS-2B	.344	11.51	.531	13.49	.375	9.53	.125	3.18	—	1231/31	Gray	•	
5/16-32UNEF-2B	.212	5.41	.359	9.13	.437	11.11	.156	3.97	—	1231/27	Gray	•	
3/8-27NS-2B	.545	13.80	.653	16.60	.500	12.70	.300	7.60	—	1231/8	Gray	•	
3/8-32NEF-2B	.545	13.80	.653	16.60	.500	12.70	.300	7.60	—	1231/35	Clear	•	
7/16-28UNEF-2B	.438	11.11	.719	18.26	.625	15.88	.422	10.72	—	NC3030 7/16-28	Clear	•	
7/16-32UN-2B	.438	11.11	.719	18.26	.625	15.88	.422	10.72	—	NC3030 7/16-32	Gray	•	
15/32-32NS-2B	.281	7.14	.547	13.89	.625	15.88	.422	10.72	M5423/07-01	N3030	Gray	•	
15/32-32NS-2B	.281	7.14	.547	13.89	.625	15.88	.422	10.72	M5423/07-11	N3030-2513	Clear	•	
15/32-32NS-2B	.438	11.11	.719	18.26	.625	15.88	.422	10.72	M5423/07-02	NC3030	Gray	•	
15/32-32NS-2B	.438	11.11	.719	18.26	.625	15.88	.422	10.72	M5423/07-12	NC3030-2513	Clear	•	
1/2-32NS-2B	.281	7.14	.547	13.89	.625	15.88	.422	10.72	M5423/07-03	NH3030	Gray	•	
1/2-32NS-2B	.188	4.76	.547	13.89	.625	15.88	.422	10.72	M5423/07-05	NH3030S	Gray	•	
1/2-32NS-2B	.469	11.91	.734	18.65	.625	15.88	.422	10.72	—	NC3030H	Gray	•	
5/8-24NEF-2B	.281	7.14	.609	15.48	.750	19.05	.515	13.10	M5423/07-04	N3040	Gray	•	
15/32-32NS-2B	.281	7.14	.547	13.89	.625	15.88	.422	10.72	—	C1231/41	Black		•
15/32-32NS-2B	.438	11.11	.719	18.26	.625	15.88	.422	10.72	—	C1231/42	Black		•

*Other colors available. Please consult factory.

SPECIFICATIONS

Material

HEXSEALS: Silicone rubber conforms to A-A-59588, Gr. 60 unless otherwise specified.

E-SEELS: Silicone rubber polymer type ASTM D1418

Mounting Nut

HEXSEALS: Brass, nickel-plated

E-SEELS: Brass, black-oxide

Temperature Range

HEXSEALS: -94°F to +400°F (-70°C to +204°C)

E-SEELS: -80°F to +400°F (-62°C to +204°C)

Enclosure Protection

NEMA/UL/ULC Types 1, 2, 3, 3S, 3R, 4, 4X, 6P, 12, 13; IEC IP66/IP68

Pressure Range

Exceeds 15 psi internal and 1500 psi external

Operational Life

100,000 actuations (minimum)

Shelf Life

Excess of 25 years

Resistant to

Salt spray, sunlight, ozone, weather, fungus, and most acids and lubricating oils

Military Specs*

Most HEXSEALS meet MIL-B-5423.

Agency Recognition

UL & ULC Recognized to UL Std. 50

* APM's policy is to manufacture our HEXSEAL® sealing boots as defined by the requirements of MIL-Spec B-5423 which we regard as the standard for the switch, circuit breaker and potentiometer industry. These requirements were formulated based on our original patent.