

SEALING BOOTS FOR SWITCHES

- Prevent dust, sand and water from getting into switches.
- On toggle versions, also prevent ice from blocking lever action.
- Compatible with frontal sealing options (K and X408).
- Available in a wide range of colours.
- A sealing ring or washer is standard supplied with each boot.

MATERIALS AND SPECIFICATIONS

- Boot material : neoprene or silicone (see comparative advantages below)
- Nut material : nickel plated or matt black
- Operating temperature :
 - neoprene boots : -20°C to +50°C
 - silicone boots : -40°C to + 85°C

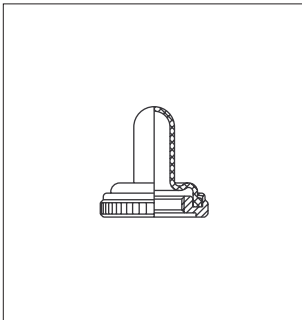
COMPARATIVE ADVANTAGES	TEMPERATURE RANGE		ELASTICITY	MECHANICAL RESISTANCE
	LOW	HIGH		
Silicone	++	++	++	-
Neoprene	-	+	-	++

++ : excellent, + : good, - : poor

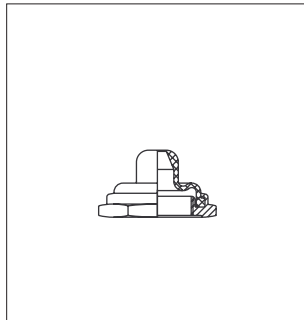
DIFFERENT TYPES OF BOOTS

* Colour options available

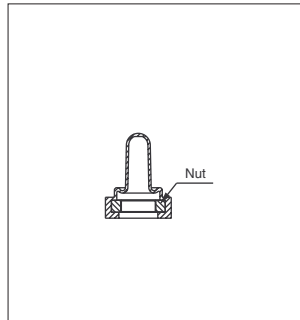
Full-toggle (standard) *



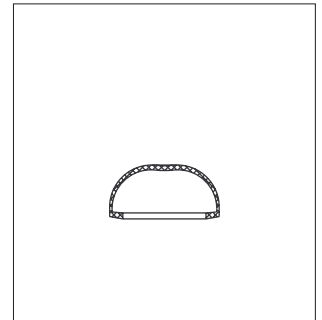
Half-toggle *



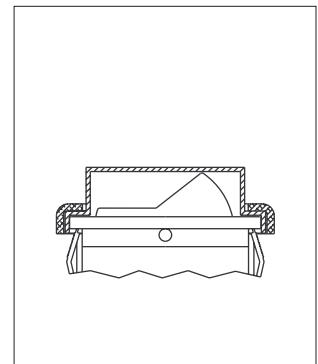
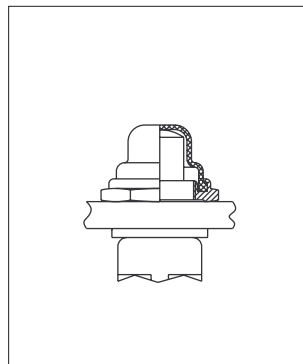
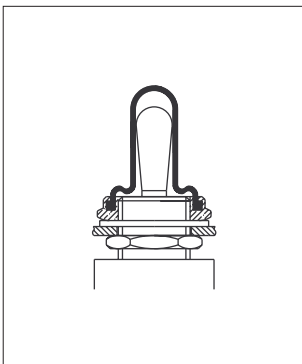
Two-part
(no metal parts accessible) *



For double sealing



EXAMPLES OF MOUNTING



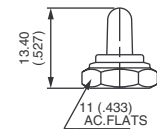
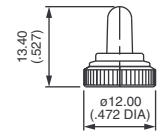
SEALING BOOTS

for toggle switches

For bushing Ø 6 x 0.75 (.236 x 0.75) - 5500 series



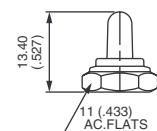
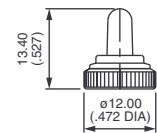
NUT	FULL-TOGGLE SILICONE BOOTS			
	Black	Red	Green	White
Knurled Nickel plated	U1341	U1341-6	U1341-3	U1341-7
Knurled Matt black	U1343	U1343-6	U1343-3	U1343-7
Hex Nickel plated	U1302	U1302-6	U1302-3	U1302-7
Hex Matt black	U1304	U1304-6	U1304-3	U1304-7



For bushing Ø 6,35-40NS (1/4-40UNS) - 5000 and 11000 series



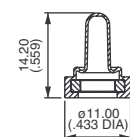
NUT	FULL-TOGGLE SILICONE BOOTS			
	Black	Red	Green	White
Knurled Nickel plated	U1331	U1331-6	U1331-3	U1331-7
Knurled Matt black	U1333	U1333-6	U1333-3	U1333-7
Hex Nickel plated	U1229	U1229-6	U1229-3	U1229-7
Hex Matt black	U1231	U1231-6	U1231-3	U1231-7



For bushing Ø 6,35-40NS (1/4-40UNS) - 5000 and 11000 series



NUT	SILICONE BOOTS SUPPLIED AS 2 SEPARATE PARTS			
	Black	Red	Green	White
	U5149	U5149-6	U5149-3	U5149-7

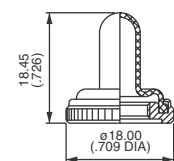


Once the boot is mounted onto the panel, no switch metal part is accessible any more.

For bushing Ø 10 x 0.75 (.393 x 0.75) - 10600 series



KNURLED NUT	FULL-TOGGLE SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	U1612	U1612-6	U1612-3	U1612-7
Matt black	U1614	U1614-6	U1614-3	U1614-7



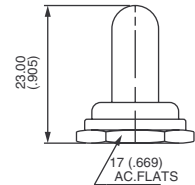
SEALING BOOTS

for toggle switches

For bushing Ø 11,9-32 NS (15/32-32NS) - 12000, 3500 and 6000 series



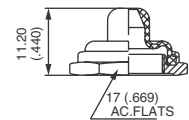
HEX NUT	FULL-TOGGLE SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	U1031	U1031-6	U1031-3	U1031-7
Matt black	U1024	U1024-6	U1024-3	U1024-7



For bushing Ø 11,9-32 NS (15/32-32NS) - 12000, 3500 and 6000 series



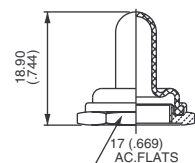
HEX NUT	HALF-TOGGLE SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	U1600	U1600-6	U1600-3	U1600-7
Matt black	U1602	U1602-6	U1602-3	U1602-7



For bushing Ø12 x 0.75 SI (.472x.075 IS) - 4450, 4650 and 1600 series



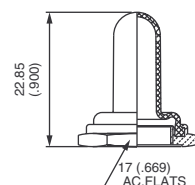
HEX NUT	FULL-TOGGLE BLACK NEOPRENE BOOTS
Nickel plated	U09
Matt black	U223



For bushing Ø 12 x 0.75 SI (.472x.075 IS) - 400, 500, 600H, 6-600H, 600SH, 660, 1000, 1500 and 3600



HEX NUT	FULL-TOGGLE SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	U1565	U1565-6	U1565-3	U1565-7
Matt black	U1567	U1567-6	U1567-3	U1567-7
	FULL-TOGGLE BLACK NEOPRENE BOOTS			
Nickel plated	U851			
Matt black	U853			



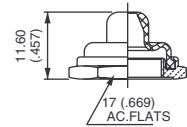
SEALING BOOTS

for toggle switches - for pushbutton switches

For bushing Ø 12 x 0.75 SI (.472x.075 IS) - 400, 500, 600H, 6-600H, 660, 1000 and 3600 series



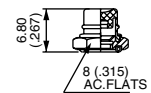
HEX NUT	HALF-TOGGLE SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	U1151	U1151-6	U1151-3	U1151-7
Matt black	U1153	U1153-6	U1153-3	U1153-7
	HALF-TOGGLE BLACK NEOPRENE BOOTS			
	Nickel plated	U598		
	Matt black	U600		



For bushing Ø 4 x 0.70 (.157 x 0.70) - 9500 series



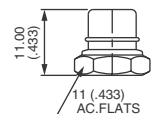
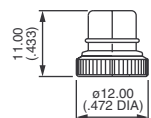
HEX NUT	PUSHBUTTON SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	U1829	U1829-6	U1829-3	U1829-7
Matt black	U1831	U1831-6	U1831-3	U1831-7



For bushing Ø 6,35-40NS (1/4-40UNS) - 18000, 9000 and 13000 series



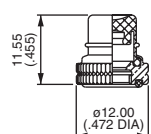
NUT	PUSHBUTTON SILICONE BOOTS			
	Black	Red	Green	White
Knurled Nickel plated	U1401	U1401-6	U1401-3	U1401-7
Knurled Matt black	U1403	U1403-6	U1403-3	U1403-7
Hex Nickel plated	U1318	U1318-6	U1318-3	U1318-7
Hex Matt black	U1320	U1320-6	U1320-3	U1320-7



For bushing Ø 6,35-40NS (1/4-40 UNS) - 8000 series



KNURLED NUT	PUSHBUTTON SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	U4301	U4301-6	U4301-3	U4301-7



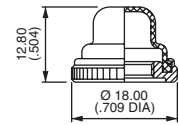
SEALING BOOTS

for pushbutton switches

For bushing Ø 10 x 0.75 (.393 x 0.75) - 10400 series



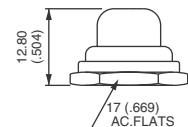
KNURLED NUT	PUSHBUTTON SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	U1624	U1624-6	U1624-3	U1624-7
Matt black	U1626	U1626-6	U1626-3	U1626-7



For bushing Ø 11,9-32 NS (15/32-32UNS) - 13000X778 and 13000X768 series



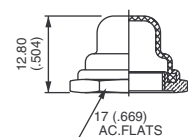
HEX NUT	PUSHBUTTON SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	U589	U589-6	U589-3	U589-7
Matt black	U590	U590-6	U590-3	U590-7



For bushing Ø 12 x 0.75 SI (.472x.075 IS) - 1200, 4700 and 4800 series



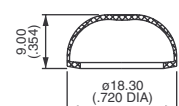
HEX NUT	PUSHBUTTON SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	U1654	U1654-6	U1654-3	U1654-7
Matt black	U1656	U1656-6	U1656-3	U1656-7
	PUSHBUTTON BLACK NEOPRENE BOOTS			
	Nickel plated	U31		
	Matt black	U225		
	Chrome plated	U224		



For double sealing on IP series and IB-IS series



SILICONE BOOT	
Transparent	U5125
Black	U5125-2



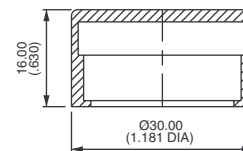
SEALING BOOTS

for pushbutton switches - for rocker switches

For external sealing on A02 series



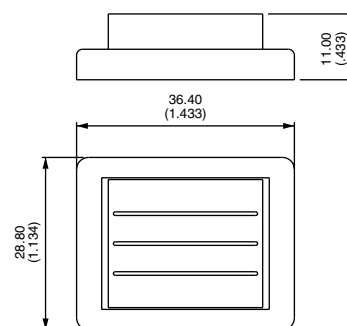
SILICONE BOOT
A02WPC



For 2600 series



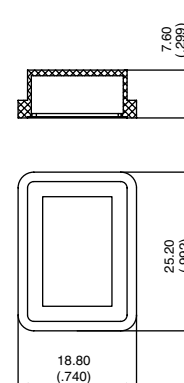
TRANSPARENT SILICONE BOOT
U2150



For FM series



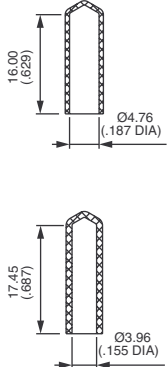
TRANSPARENT PVC BOOT
U5720



CAPS FOR PCB PROCESSING

Miniature switches

Available on models with plain bushing.
Supplied mounted on the switches or separately.
Provide **additional protection** during PCB processing.

	SERIES	MATERIAL	PART NUMBER
	S	Vinyl	U3012
	TP	Vinyl	U3502