Sealing boots

UG1006-A

- ❑ **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.**
- ❑ **When necessary, a sealing ring or washer is supplied with the boot.**

MATERIALS AND SPECIFICATIONS

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

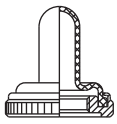
++ : excellent, + : good, - : poor

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

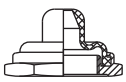
DIFFERENT TYPES OF BOOTS

* Colour options available

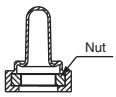
Full-toggle (standard) *



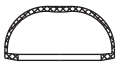
Half-toggle *



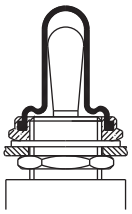
Two-part (no metal parts accessible) *

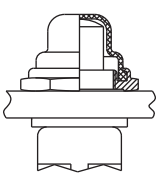


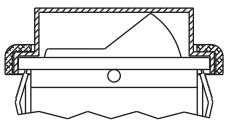
For double sealing



EXAMPLES OF MOUNTING







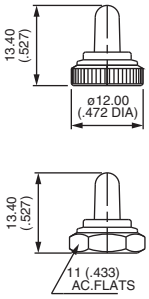
H

Sealing boots

For toggle switches

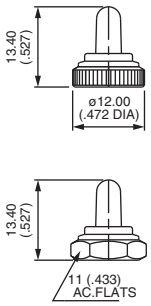
For bushing Ø 6 x 0.75 (.236 x 0.75) - 5500 series

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**



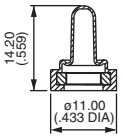
For bushing Ø 6,35-40NS (1/4-40UNS) - 5000 and 11000 series

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

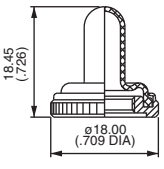
BOOTS SUPPLIED AS 2 SEPARATE PARTS				
NEOPRENE	SILICONE			
Black	Red	Green	White	
U5149	**U5149-6**	**U5149-3**	**U5149-7**	



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

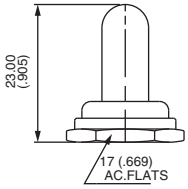
For bushing Ø 10 x 0.75 (.393 x 0.75) - 10600 series

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**



For bushing Ø 11,9-32 NS (15/32-32NS) - 12000, 5000M, 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**	-



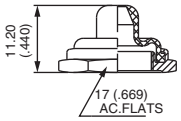
H

Sealing boots

For toggle switches

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

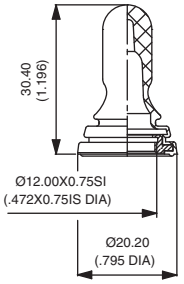
HEX NUT	HALF-TOGGLE SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	**U1600**	**U1600-6**	**U1600-3**	**U1600-7**
Matt black	**U1602**	**U1602-6**	**U1602-3**	-



For bushing Ø 11,9-32 NS (15/32-32NS) - 12000, 3500, 3600 and 600 series

New!

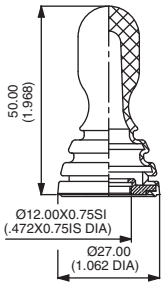
FULL-TOGGLE BLACK NEOPRENE BOOT
U2252



For bushing Ø12 x 0.75 SI (.472x.075 IS) - 600 and 3600 series with X2243 long lever

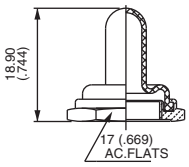
New!

FULL-TOGGLE BLACK NEOPRENE BOOT
U2197



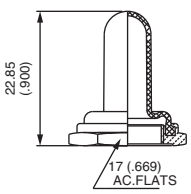
For bushing Ø12 x 0.75 SI (.472x.075 IS) - 4450, 4650 and 1600 series

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



For bushing Ø 12 x 0.75 SI (.472x.075 IS) - 600H, 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**	-
	FULL-TOGGLE BLACK NEOPRENE BOOTS			
Nickel plated	**U851**			
Matt black	**U853**			



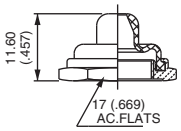
H

Sealing boots

For toggle switches or pushbutton switches

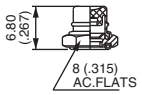
For bushing Ø 12 x 0.75 SI (.472x.075 IS) - 600H, 660, 1000 and 3600 series

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**	-
	HALF-TOGGLE BLACK NEOPRENE BOOTS			
Nickel plated	**U598**			
Matt black	**U600**			



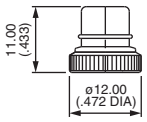
For bushing Ø 4 x 0.70 (.157 x 0.70) - 9500 series

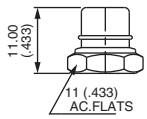
HEX NUT	PUSHBUTTON SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	**U1829**	**U1829-6**	**U1829-3**	**U1829-7**
Matt black	**U1831**	**U1831-6**	**U1831-3**	**U1831-7**



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

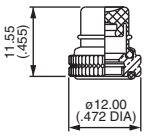
NUT	PUSHBUTTON SILICONE BOOTS			
	Black	Red	Green	White
Knurled Nickel plated	**U1401**	**U1401-6**	**U1401-3**	**U1401-7**
Knurled Matt black	**U1403**	**U1403-6**	**U1403-3**	**U1403-7**
Hex Nickel plated	**U1318**	**U1318-6**	**U1318-3**	**U1318-7**
Hex Matt black	**U1320**	**U1320-6**	**U1320-3**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





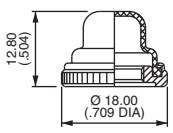
For bushing Ø 6,35-40NS (1/4-40 UNS) - 8000 series

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



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**



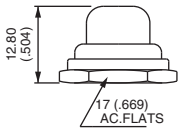
H

Sealing boots

For pushbutton switches

For bushing Ø 11,9-32 NS (15/32-32UNS) - 13000X778, 13000X768 and 8000-6X934 series

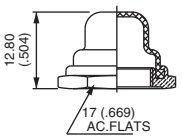
HEX NUT	PUSHBUTTON SILICONE BOOTS			
	Black	Red	Green	White
Nickel plated	**U589**	**U589-6**	**U589-3**	**U589-7**
Matt black	**U590**	**U590-6**	**U590-3**	-



For long plunger (-9) care should be taken over the panel thickness.

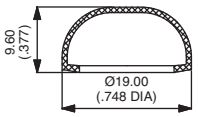
For bushing Ø 12 x 0.75 SI (.472x.075 IS) - 1200, 4700 and 4800 series

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**	-
	PUSHBUTTON BLACK NEOPRENE BOOTS			
Nickel plated	**U31**			
Matt black	**U225**			
Chrome plated	**U224**			



For double sealing on IP and IB-IS series

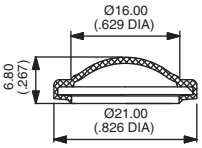
SILICONE BOOT	
Transparent	**U5125**
Blue	**U5125-1**
Black	**U5125-2**
Red	**U5125-6**



Operating temperature : -40°C to +85°C
The flat seal or O-Ring supplied with the switch should not be used with this boot.

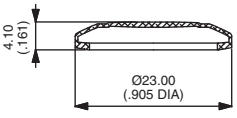
For double sealing on IA series

SILICONE BOOT	
Black	**U6602**
Yellow	**U6605**
Red	**U6606**



For AV series (models with Ø 19 mm bushing)

SILICONE BOOT	
Black	**U2187-2**
Green	**U2187-3**
Grey	**U2187-4**
Yellow	**U2187-5**
Red	**U2187-6**
White	**U2187-7**
Transparent	**U2187-8**



H

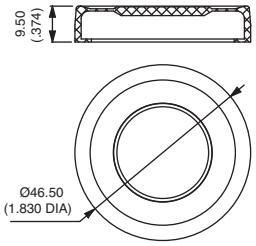
Sealing boots

For pushbutton switches or rocker switches

For LPI series

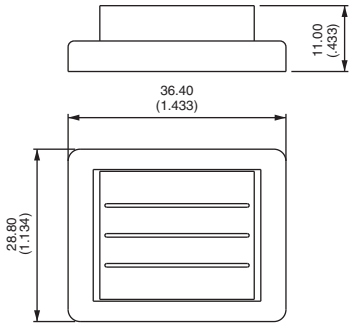
New!

SILICONE BOOT	
Black	**U3082**
Transparent	**U3088**



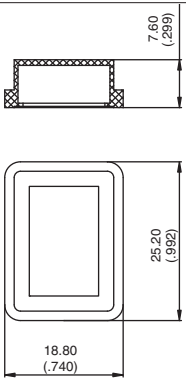
For 2600 series

TRANSPARENT SILICONE BOOT
U2150



For FM series

TRANSPARENT PVC BOOT
U5720

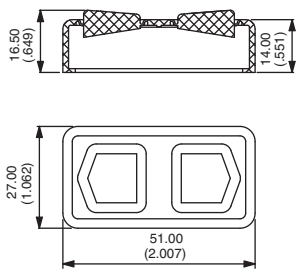


For KG series

New!

BLACK SILICONE BOOT
U3084

Also available with pad-printed symbols : on request.



H