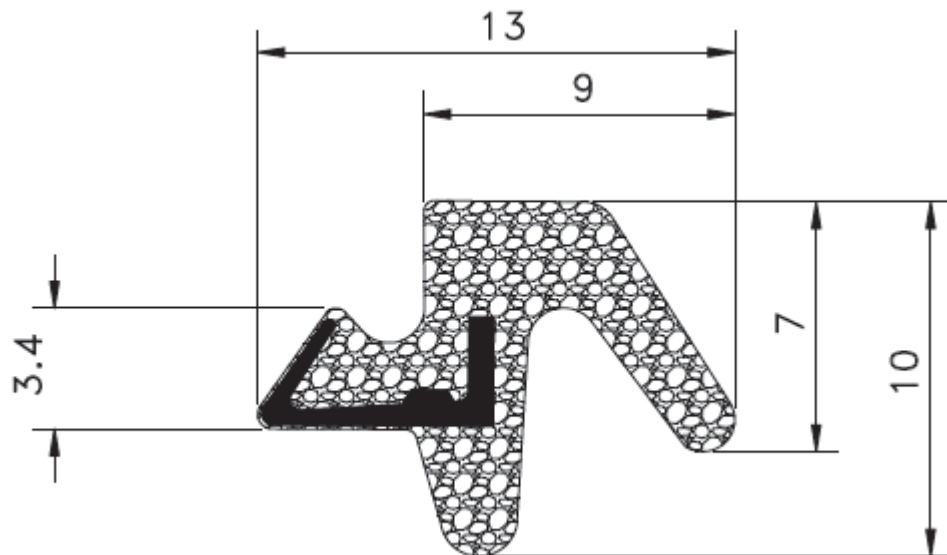




# Foam Seals

[UPVC CASEMENT WINDOW]  
Qlon - Aquamac



# AQUAMAC™ and QLON™ the ultimate weatherseal

With over 50 years of global experience in the design and manufacture of outstanding window and door products, it is little wonder that Schlegel has become the industry's first choice for not only weatherseal products, but locking and security systems, handles and hardware.

The Unique Aquamac and QLON weatherseal has been developed in consultation with our customers to offer the widest range of seals possible for aluminium windows and doors. The unique design has made Aquamac and QLON impervious to paint and stain, while still providing some of the best energy saving performance characteristics currently available.

Backed by our lifetime guarantee, Aquamac and QLON will never let you or your customer down, making it a highly cost effective way of offering continuous high standards of weathersealing, year after year.

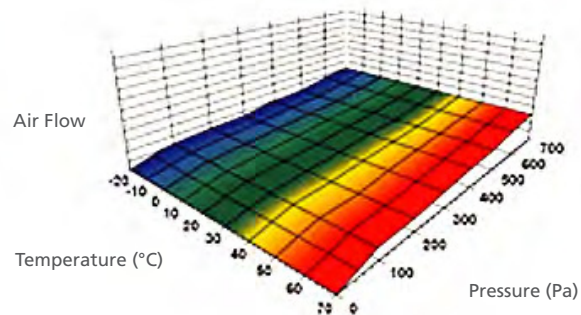


Window performance using EPDM flipper seal

## OUTSTANDING ENERGY EFFICIENCY

Specially designed to meet the different demands of aluminium windows and doors, Aquamac and QLON maintains consistently high standards of energy efficiency, often exceeding any long-term window performance guarantees.

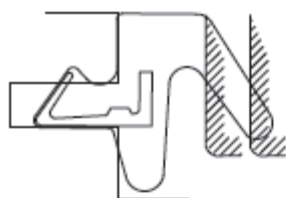
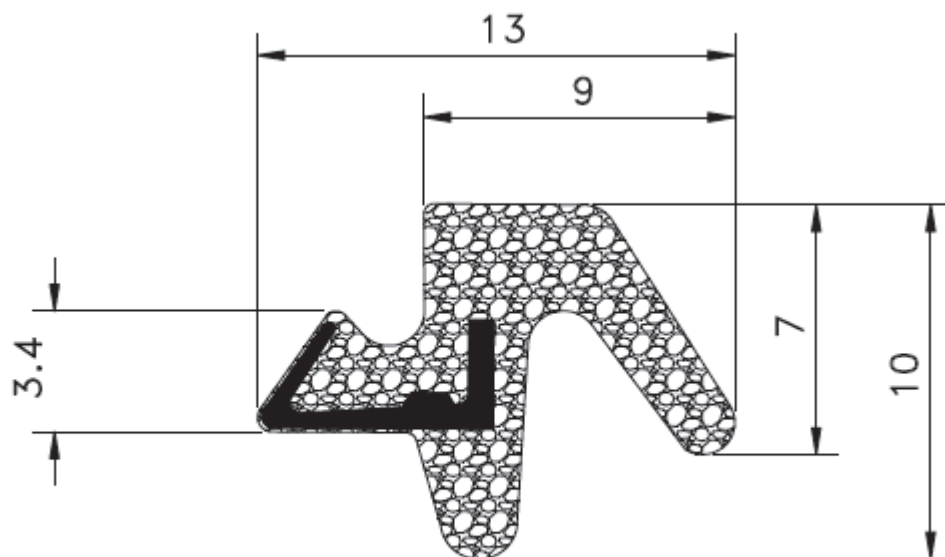
- Exceptional performance maintained over a wide temperature range. Doesn't shrink or stretch, even in extreme climatic conditions.
- Excellent memory - retains its original shape year after year to maintain a consistently high standard or weatherseal.
- Kerf tolerances have been increased and are more forgiving of your manufacturing process -2.7mm ± 0.3mm.
- Compensates for window movement.
- Lower insertion forces speed up fitting by 15%



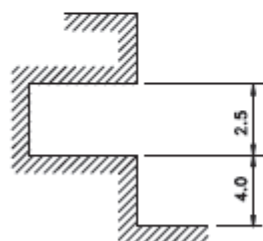
Window performance using EPDM flipper seal

The graph shows the weather performance against competitor gaskets and demonstrates that Aquamac and Qlon provides less air leakage over a wide temperature range when compared to our competitors.





## APPLICATION DETAILS



NOMINAL KERF FIX DIMS  
SCALE 5:1

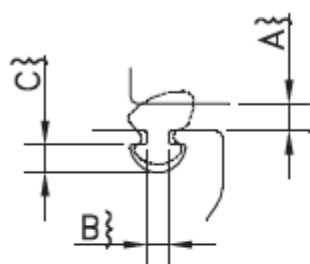
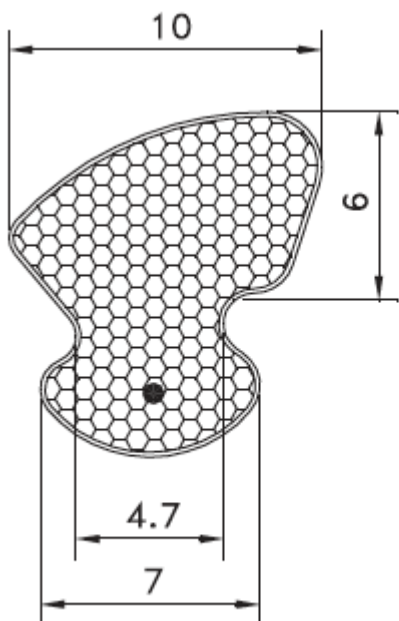
90087-0A

## TECHNICAL SPECIFICATION

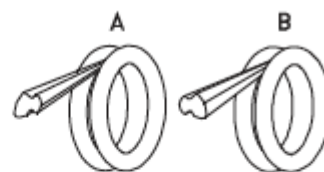
- A, SEAL GAP. 4.0mm MIN TO 6.5mm MAX
- B, KERF SLOT WIDTH. 2.5mm NOMINAL
- C, MINIMUM KERF SLOT DEPTH 7.0mm
- D, COLOURS AVAILABLE: BRONZE  
WHITE  
BLACK  
GREY  
BEIGE  
LIGHT OAK



# QLON™ 4465



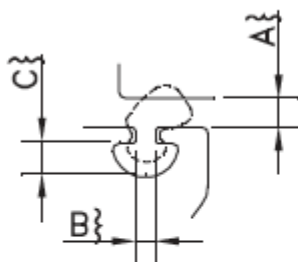
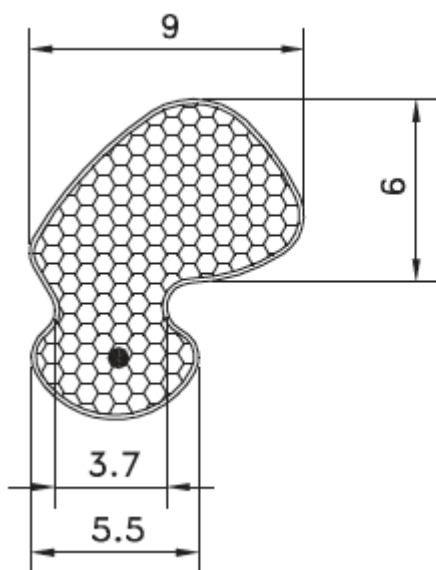
APPLICATION DETAILS



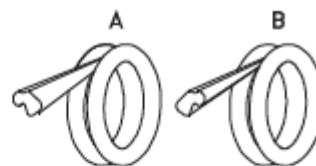
COIL DIRECTION

TECHNICAL SPECIFICATION: A, SEAL GAP 3.0mm MIN to 4.8mm MAX  
 B, RETENTION SLOT THROAT. 4.2mm NOMINAL  
 C, MINIMUM POCKET DEPTH 3.5mm

# QLON™ 5570



APPLICATION DETAILS

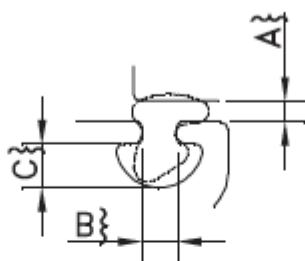
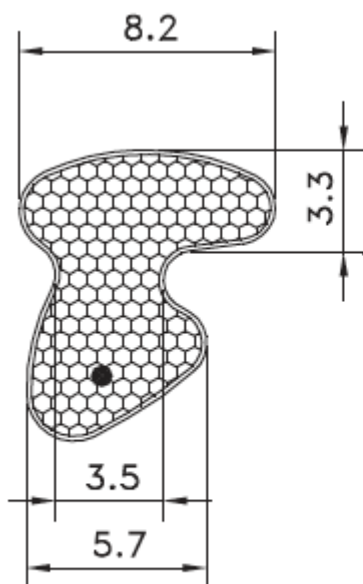


COIL DIRECTION

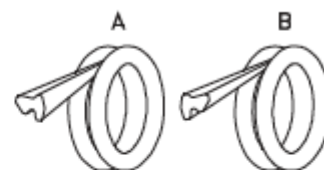
TECHNICAL SPECIFICATION: A, SEAL GAP 3.0mm MIN to 4.8mm MAX  
 B, RETENTION SLOT THROAT. 3.3mm NOMINAL  
 C, MINIMUM POCKET DEPTH 3.0mm



# QLON™ 6347



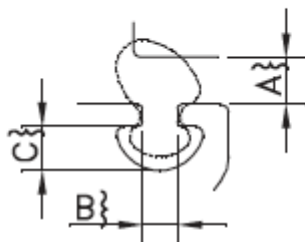
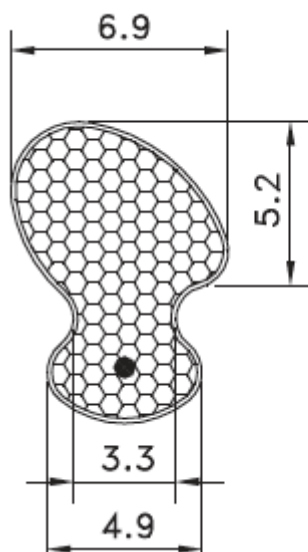
APPLICATION DETAILS



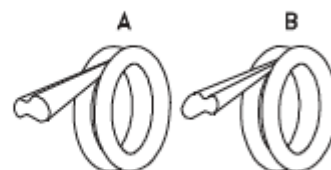
COIL DIRECTION

TECHNICAL SPECIFICATION: A, SEAL GAP 1.6mm MIN to 2.6mm MAX  
 B, RETENTION SLOT THROAT. 3.5mm NOMINAL  
 C, MINIMUM POCKET DEPTH 4.5mm

# QLON™ 6436



APPLICATION DETAILS

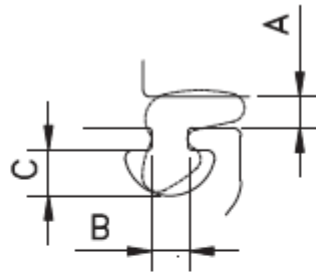
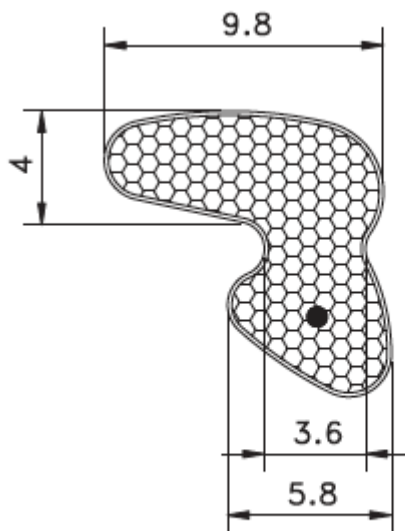


COIL DIRECTION

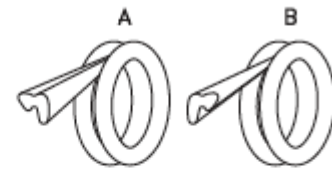
TECHNICAL SPECIFICATION: A, SEAL GAP 2.6mm MIN to 4.2mm MAX  
 B, RETENTION SLOT THROAT. 3.5mm NOMINAL  
 C, MINIMUM POCKET DEPTH 2.5mm



# QLON™ 6493



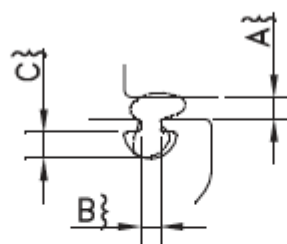
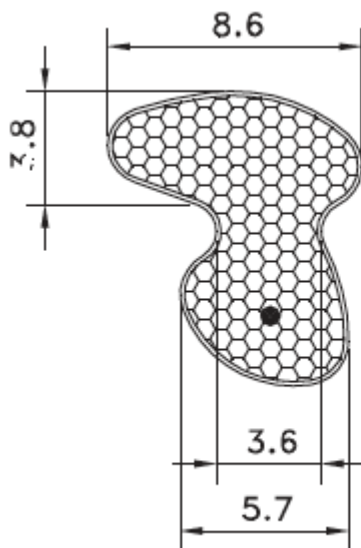
APPLICATION DETAILS



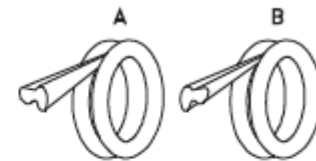
COIL DIRECTION

TECHNICAL SPECIFICATION: A, SEAL GAP 2.0mm MIN to 3.2mm MAX  
B, RETENTION SLOT THROAT. 3.5mm NOMINAL  
C, MINIMUM POCKET DEPTH 4.5mm

# QLON™ 6517



APPLICATION DETAILS

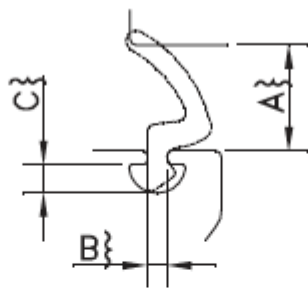
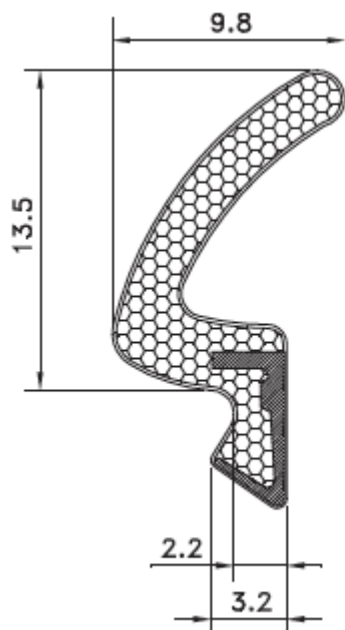


COIL DIRECTION

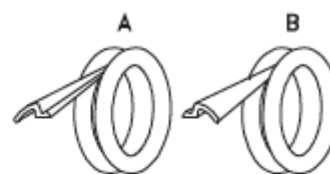
TECHNICAL SPECIFICATION: A, SEAL GAP 1.9mm MIN to 3.2mm MAX  
B, RETENTION SLOT THROAT. 3.9mm NOMINAL  
C, MINIMUM POCKET DEPTH 4.5mm



# QLON™ 7000



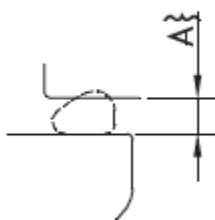
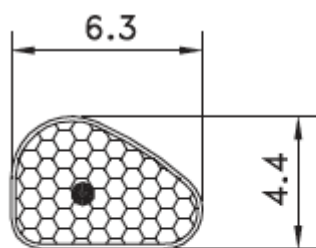
APPLICATION DETAILS



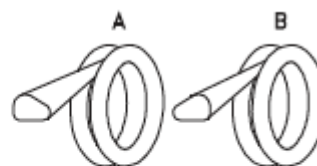
COIL DIRECTION

TECHNICAL SPECIFICATION: A, SEAL GAP 4.0mm MIN to 10.8mm MAX  
B, RETENTION SLOT THROAT. 2.4mm NOMINAL  
C, MINIMUM POCKET DEPTH 4.5mm

# QLON™ 7023



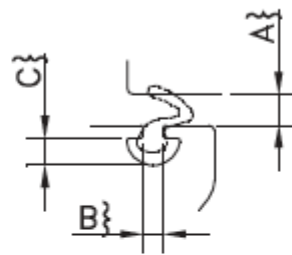
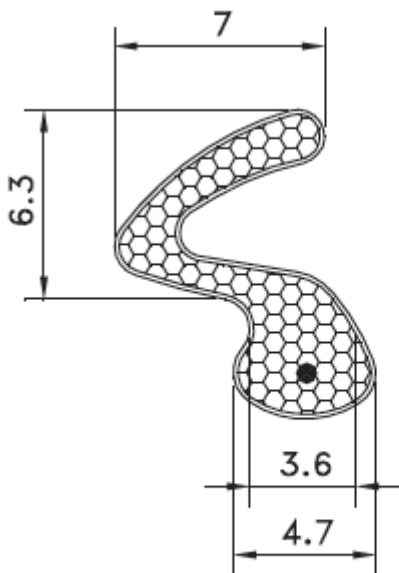
APPLICATION DETAILS



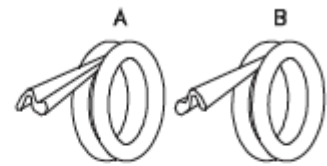
COIL DIRECTION



# QLON™ 7032

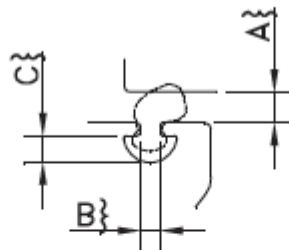
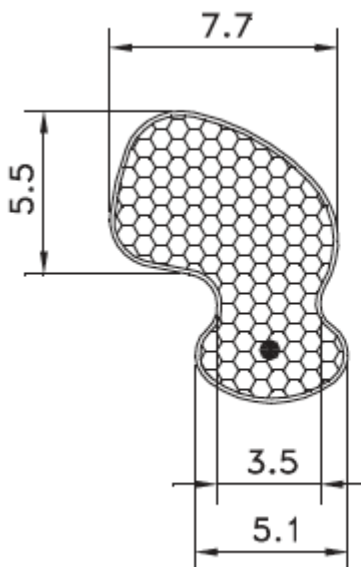


APPLICATION DETAILS

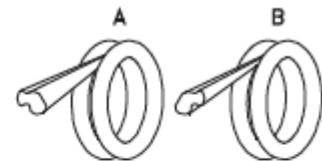


TECHNICAL SPECIFICATION: A, SEAL GAP 1.5mm MIN to 5.1mm MAX  
 B, RETENTION SLOT THROAT. 3.0mm NOMINAL  
 C, MINIMUM POCKET DEPTH 2.5mm

# QLON™ 7307



APPLICATION DETAILS

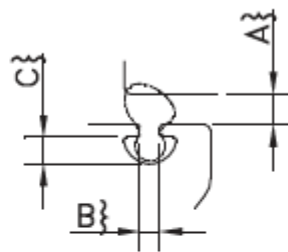
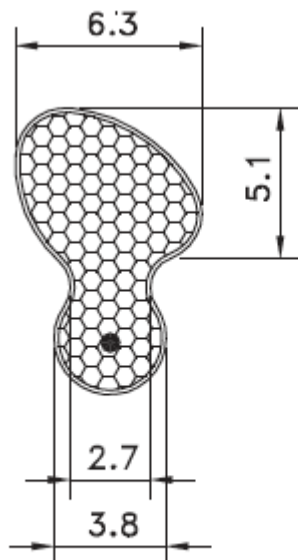


COIL DIRECTION

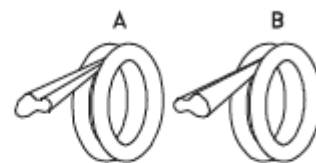
TECHNICAL SPECIFICATION: A, SEAL GAP 2.8mm MIN to 4.4mm MAX  
 B, RETENTION SLOT THROAT. 3.2mm NOMINAL  
 C, MINIMUM POCKET DEPTH 2.5mm



# QLON™ 9005



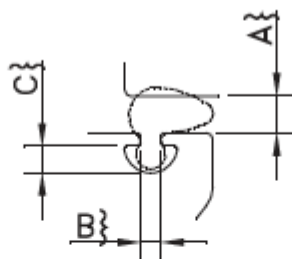
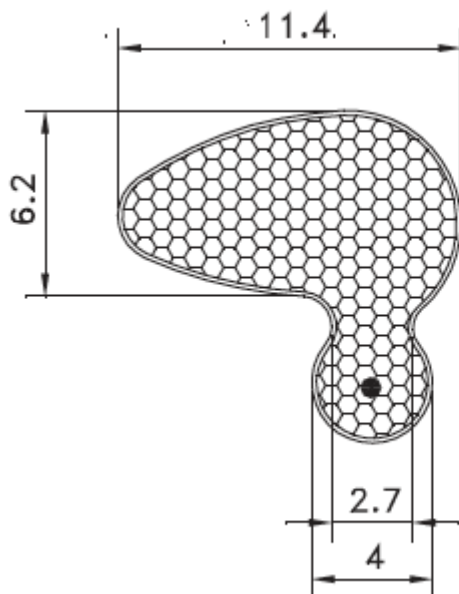
APPLICATION DETAILS



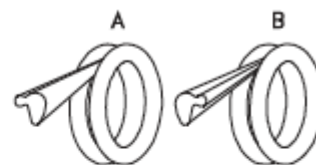
COIL DIRECTION

TECHNICAL SPECIFICATION: A, SEAL GAP 2.5mm MIN to 4.1mm MAX  
B, RETENTION SLOT THROAT. 2.4mm NOMINAL  
C, MINIMUM POCKET DEPTH 3.0mm

# QLON™ 9100



APPLICATION DETAILS

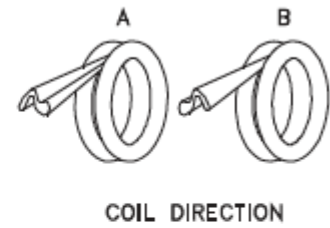
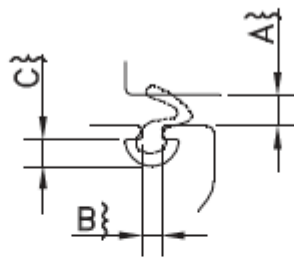
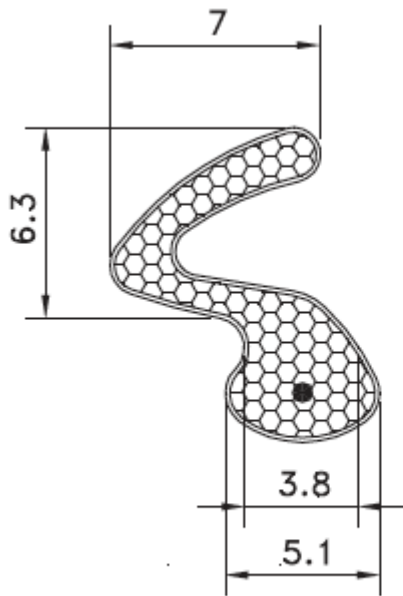


COIL DIRECTION

TECHNICAL SPECIFICATION: A, SEAL GAP 3.1mm MIN to 5.0mm MAX  
B, RETENTION SLOT THROAT. 2.0mm NOMINAL  
C, MINIMUM POCKET DEPTH 3.0mm

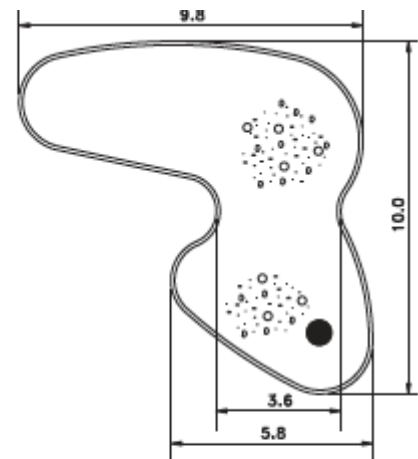
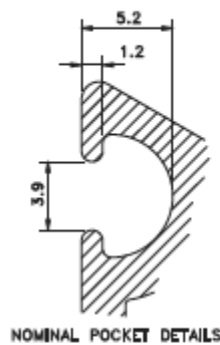
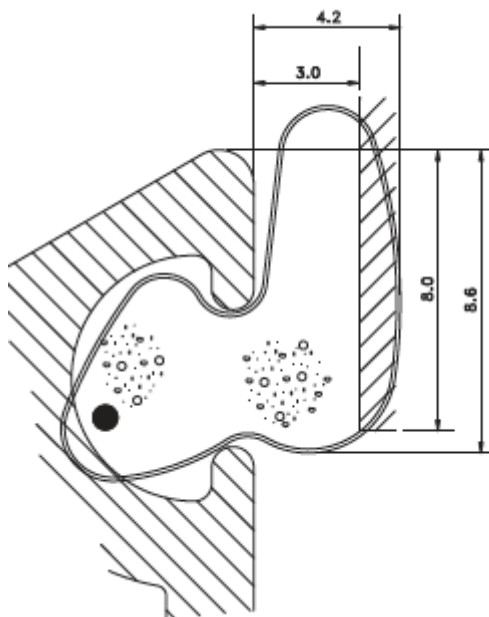


# QLON™ 9101



TECHNICAL SPECIFICATION: A, SEAL GAP 1.5mm MIN to 5.1mm MAX  
 B, RETENTION SLOT THROAT. 3.2mm NOMINAL  
 C, MINIMUM POCKET DEPTH 2.5mm

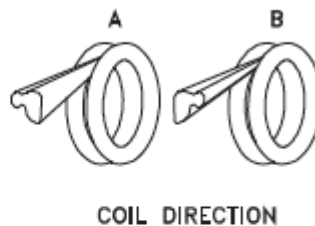
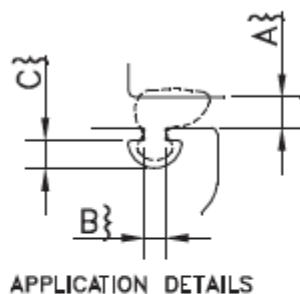
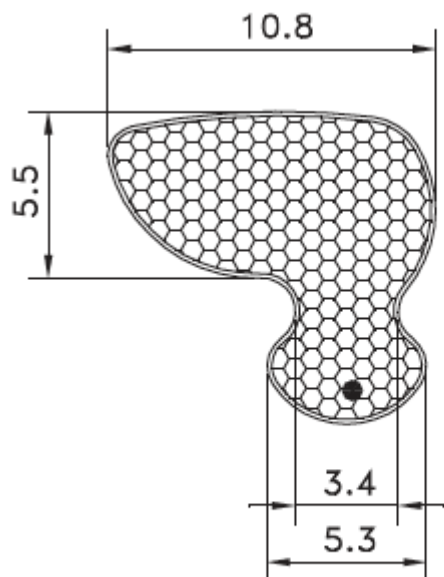
# QLON™ 9103



NOTES:-  
 1. DIMENSIONS ARE NOMINAL UNLESS OTHERWISE STATED  
 2. INFORMATION GIVEN MAY CHANGE WITHOUT NOTICE



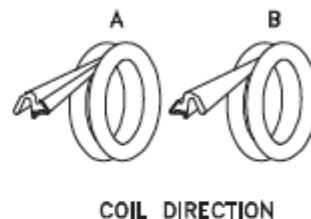
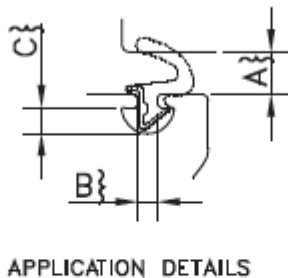
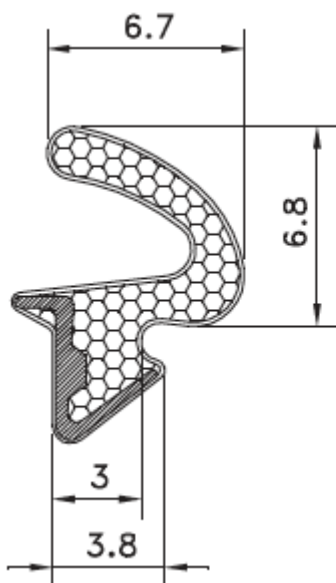
# QLON™ 9106



APPLICATION DETAILS

TECHNICAL SPECIFICATION: A, SEAL GAP 2.7mm MIN to 5.1mm MAX  
 B, RETENTION SLOT THROAT. 3.2mm NOMINAL  
 C, MINIMUM POCKET DEPTH 2.5mm

# QLON™ 9107

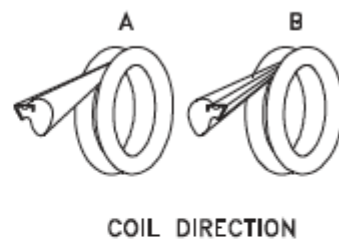
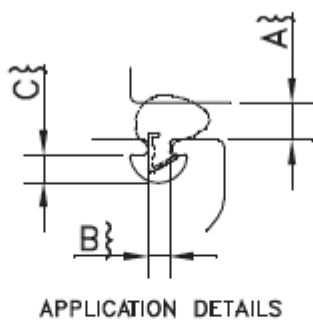
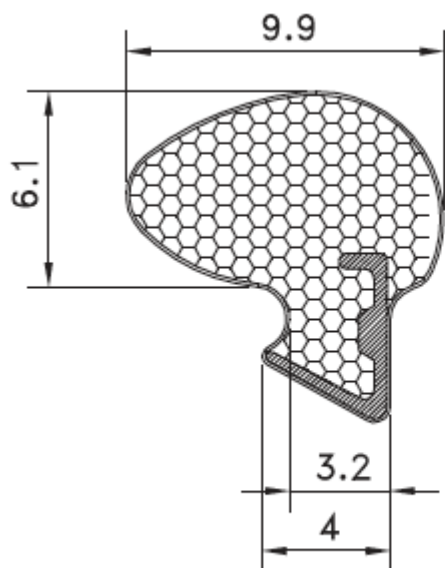


APPLICATION DETAILS

TECHNICAL SPECIFICATION: A, SEAL GAP 1.5mm MIN to 5.6mm MAX  
 B, RETENTION SLOT THROAT. 3.0mm NOMINAL  
 C, MINIMUM POCKET DEPTH 3.0mm

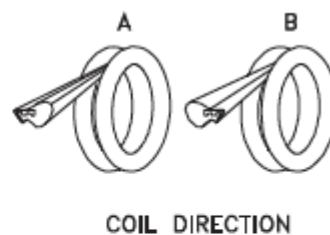
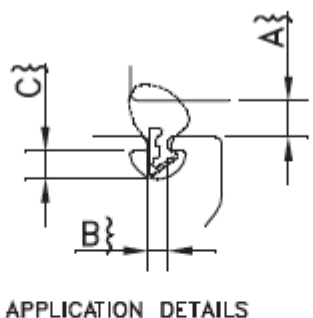
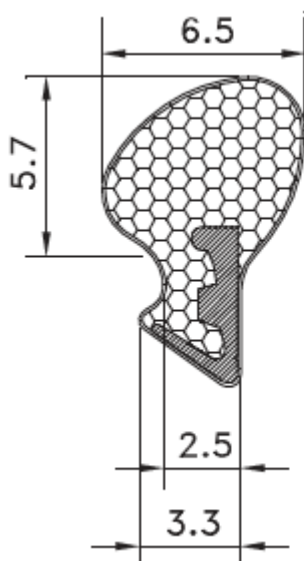


# QLON™ 9112



TECHNICAL SPECIFICATION: A, SEAL GAP 3.0mm MIN to 4.9mm MAX  
 B, RETENTION SLOT THROAT. 3.2mm NOMINAL  
 C, MINIMUM POCKET DEPTH 2.5mm

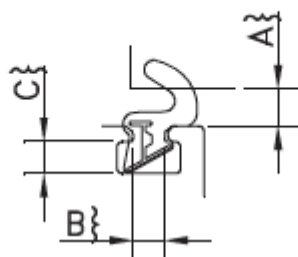
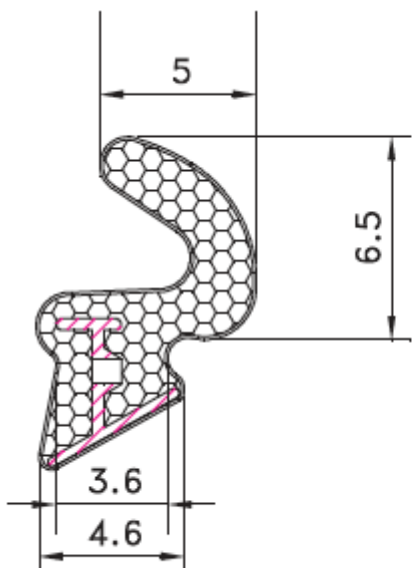
# QLON™ 9113



TECHNICAL SPECIFICATION: A, SEAL GAP 2.8mm MIN to 4.6mm MAX  
 B, RETENTION SLOT THROAT. 2.4mm NOMINAL  
 C, MINIMUM POCKET DEPTH 2.5mm



# QLON™ 9419



APPLICATION DETAILS

## COIL DIRECTION

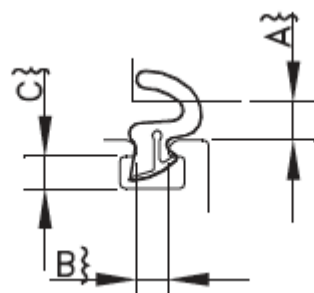
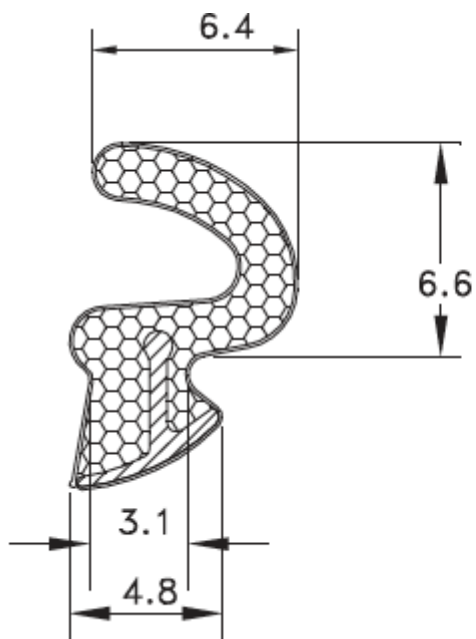


A:--STANDARD

B:--REVERSED

TECHNICAL SPECIFICATION: A, SEAL GAP 2.5mm MIN to 4.5mm MAX  
 B, RETENTION SLOT THROAT. 3.0mm NOMINAL  
 C, MINIMUM POCKET DEPTH 2.7mm

# QLON™ 9426



APPLICATION DETAILS

## COIL DIRECTION



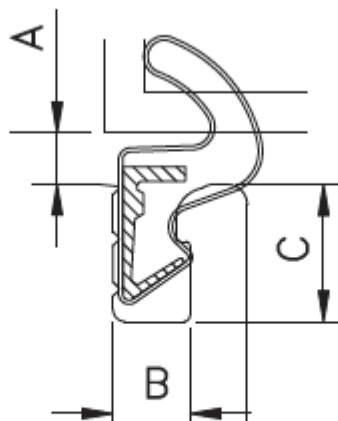
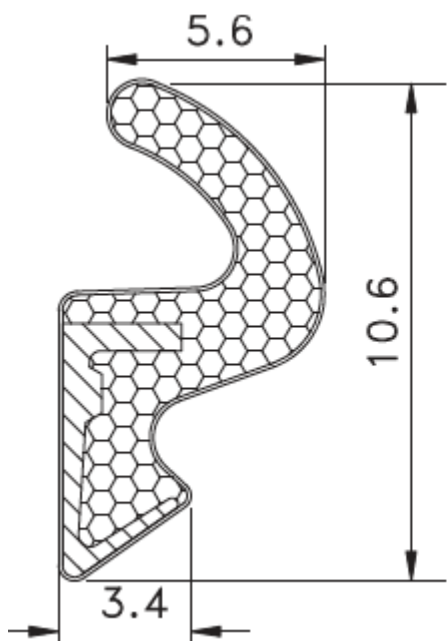
A:--STANDARD

B:--REVERSED

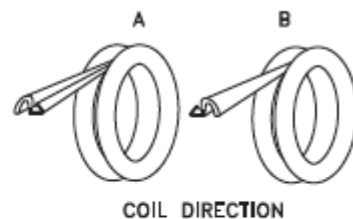
TECHNICAL SPECIFICATION: A, SEAL GAP 2.5mm MIN to 4.5mm MAX  
 B, RETENTION SLOT THROAT. 3.0mm NOMINAL  
 C, MINIMUM POCKET DEPTH 2.7mm



# QLON™ 9480



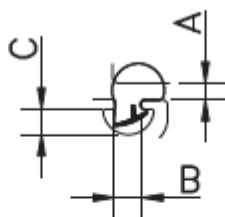
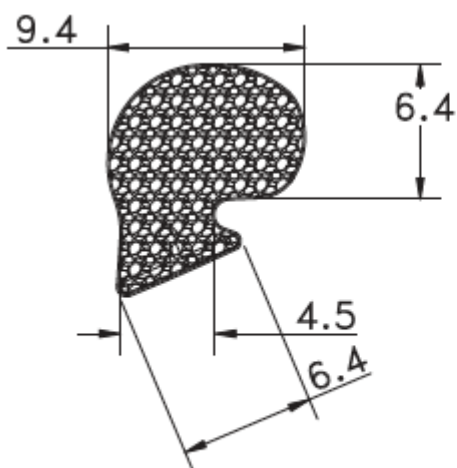
APPLICATION DETAILS



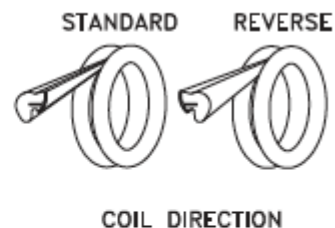
COIL DIRECTION

TECHNICAL SPECIFICATION: A, SEAL GAP 2.5mm MIN to 4.5mm MAX  
 B, RETENTION SLOT THROAT. 2.7mm NOMINAL  
 C, MINIMUM POCKET DEPTH 5.5mm

# QLON™ 9489



APPLICATION DETAILS

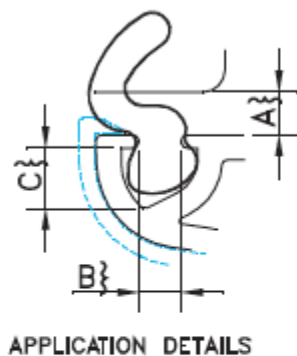
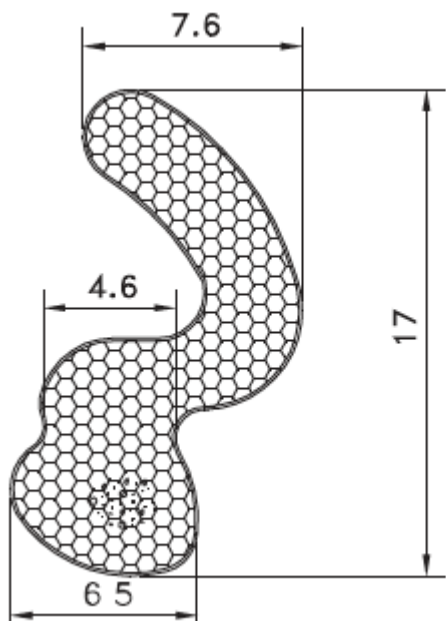


COIL DIRECTION

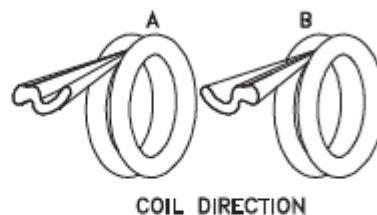
TECHNICAL SPECIFICATION: A, SEAL GAP 2.5mm MIN to 4.0mm MAX  
 B, RETENTION SLOT THROAT. 3.4mm NOMINAL  
 C, MINIMUM POCKET DEPTH 4.0mm



# QLON™ 9536

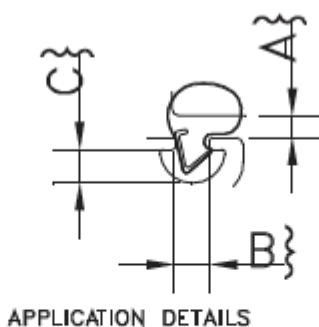
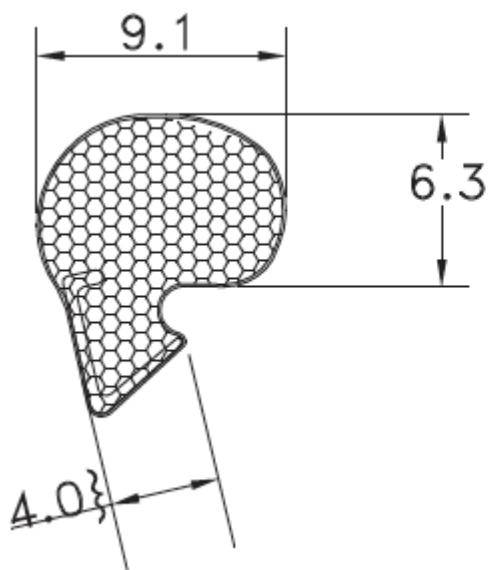


APPLICATION DETAILS

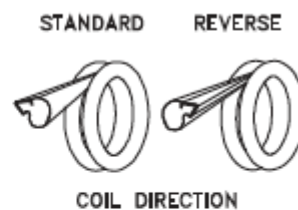


TECHNICAL SPECIFICATION: A, SEAL GAP 2.5mm MIN to 4.0mm MAX  
 B, RETENTION SLOT THROAT. 3.9mm NOMINAL  
 C, MINIMUM POCKET DEPTH 5.6mm

# QLON™ 9596



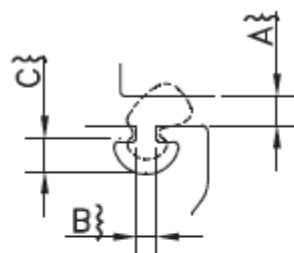
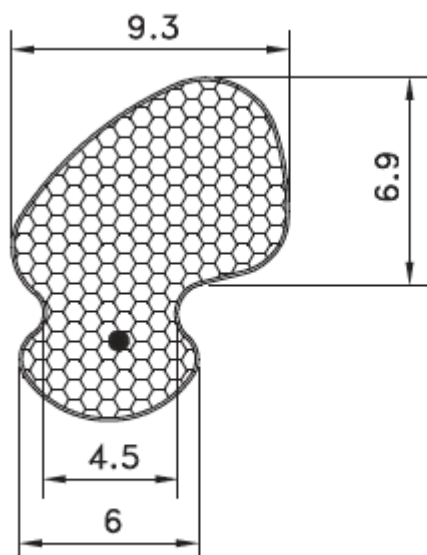
APPLICATION DETAILS



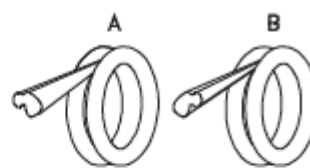
TECHNICAL SPECIFICATION: A, SEAL GAP 2.5mm MIN to 4.0mm MAX  
 B, RETENTION SLOT THROAT. 3.4mm NOMINAL  
 C, MINIMUM POCKET DEPTH 4.0mm



# QLON™ 9619



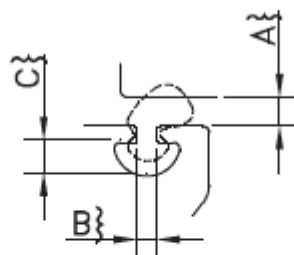
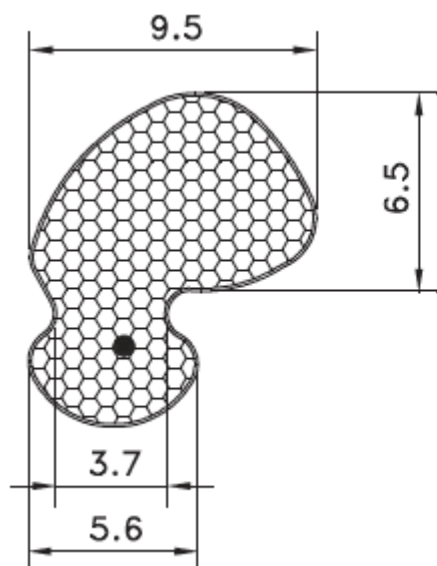
APPLICATION DETAILS



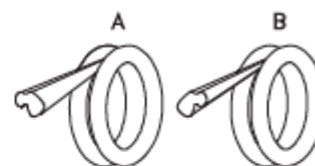
COIL DIRECTION

TECHNICAL SPECIFICATION: A, SEAL GAP 3.5mm MIN to 5.5mm MAX  
B, RETENTION SLOT THROAT. 3.3mm NOMINAL  
C, MINIMUM POCKET DEPTH 3.0mm

# QLON™ 9646



APPLICATION DETAILS

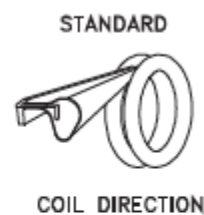
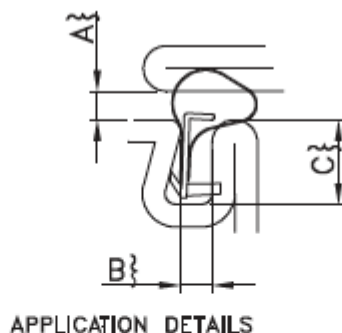
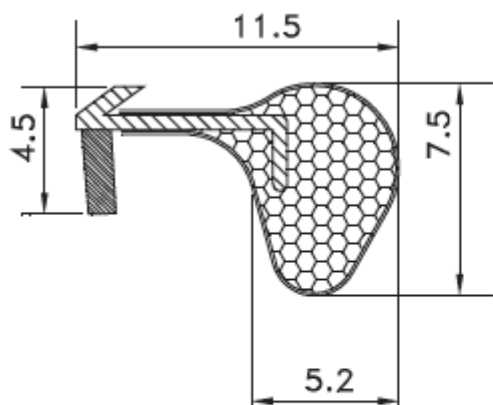


COIL DIRECTION

TECHNICAL SPECIFICATION: A, SEAL GAP 3.5mm MIN to 5.5mm MAX  
B, RETENTION SLOT THROAT. 3.3mm NOMINAL  
C, MINIMUM POCKET DEPTH 3.0mm

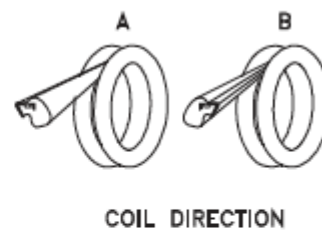
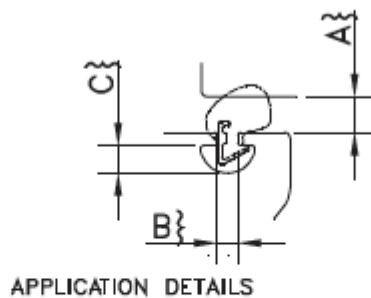
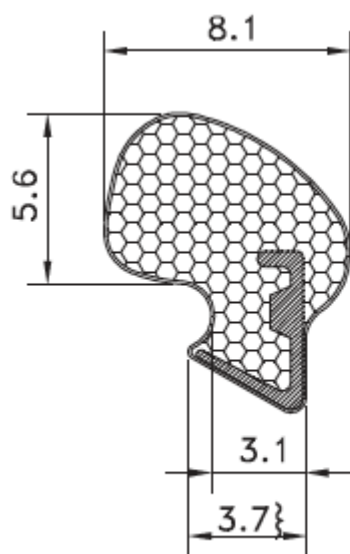


# QLON™ 9650



TECHNICAL SPECIFICATION: A, SEAL GAP 1.0mm MIN to 3.0mm MAX  
B, RETENTION SLOT THROAT. 2.8mm NOMINAL  
C, MINIMUM POCKET DEPTH 7.0mm

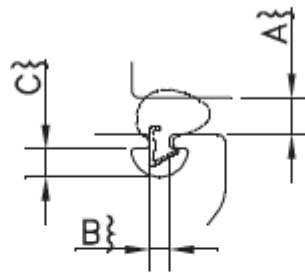
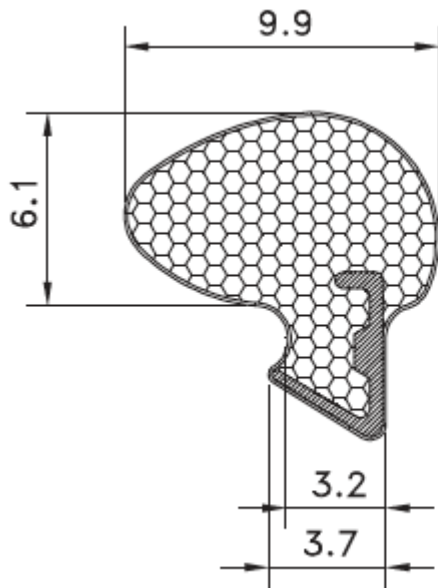
# QLON™ 9665



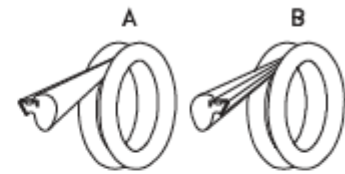
TECHNICAL SPECIFICATION: A, SEAL GAP 2.8mm MIN to 4.5mm MAX  
B, RETENTION SLOT THROAT. 3.2mm NOMINAL  
C, MINIMUM POCKET DEPTH 3.5mm



# QLON™ 9667 (QL9668)



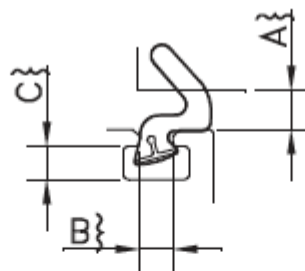
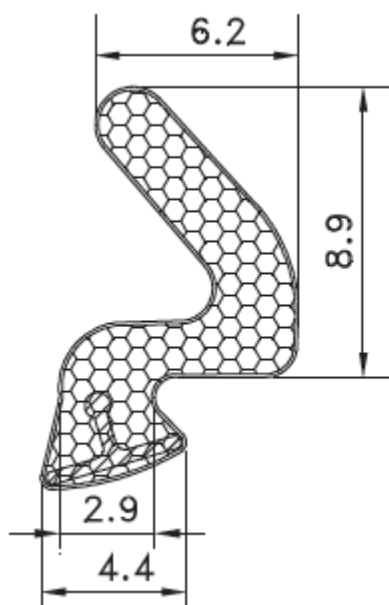
APPLICATION DETAILS



COIL DIRECTION

TECHNICAL SPECIFICATION: A, SEAL GAP 3.0mm MIN to 4.9mm MAX  
 B, RETENTION SLOT THROAT. 3.2mm NOMINAL  
 C, MINIMUM POCKET DEPTH 2.5mm

# QLON™ 9688



APPLICATION DETAILS

COIL DIRECTION

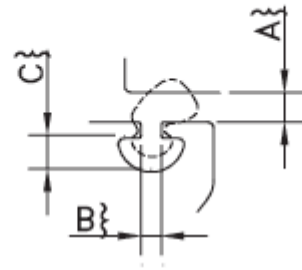
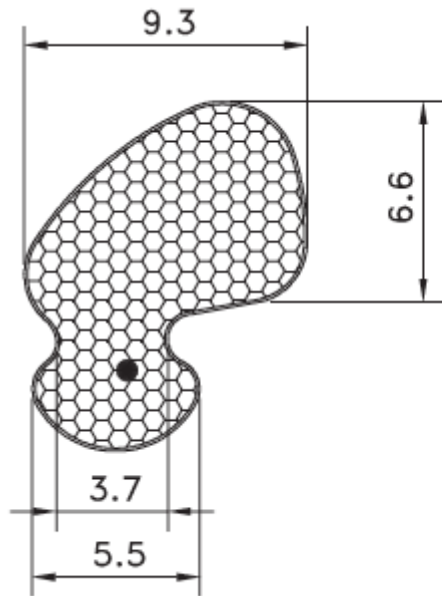


A:—STANDARD B:—REVERSED

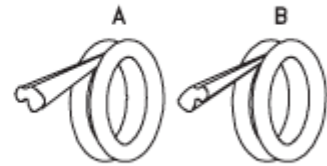
TECHNICAL SPECIFICATION: A, SEAL GAP 3.0mm MIN to 7.0mm MAX  
 B, RETENTION SLOT THROAT. 2.5mm NOMINAL  
 C, MINIMUM POCKET DEPTH 2.7mm



# QLON™ 9710



APPLICATION DETAILS

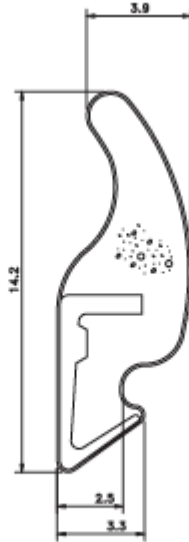
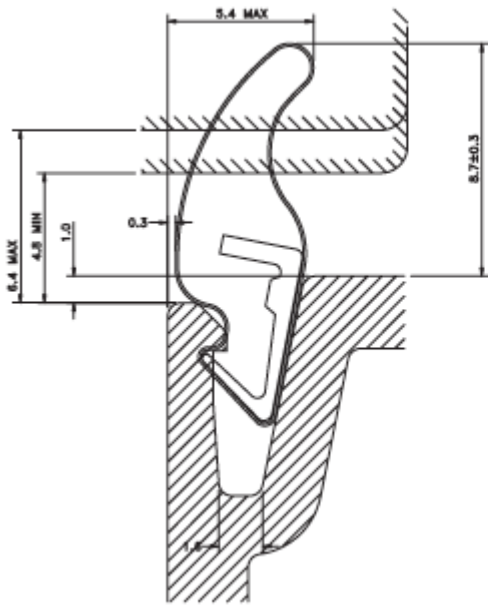


COIL DIRECTION

TECHNICAL SPECIFICATION: A, SEAL GAP 3.0mm MIN to 5.5mm MAX  
B, RETENTION SLOT THROAT. 3.3mm NOMINAL  
C, MINIMUM POCKET DEPTH 3.0mm



# QLON™ 9821



COIL DIRECTION OF  
STANDARD Q-LON 9821 (A)  
PT No. 02798210/1/2/6/8

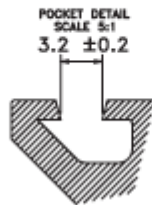
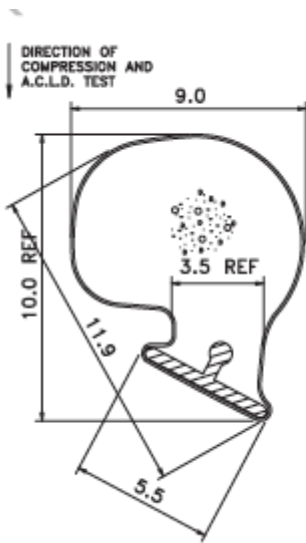


COIL DIRECTION OF  
REVERSED Q-LON 9821 (B)  
PT No. 02798214

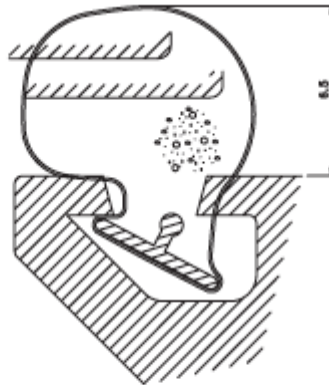
**NOTES:--**

1. DIMENSIONS ARE NOMINAL UNLESS OTHERWISE STATED
2. INFORMATION GIVEN MAY CHANGE WITHOUT NOTICE

# QLON™ 9898



APPLICATION DETAILS



COIL DIRECTION OF  
'BLUE LABEL' = QLON  
9898  
PT No. 02798982  
(BLACK, 700m C/COIL)  
EUROCELL P/No  
6805092R

STD PKG 02798992



COIL DIRECTION OF  
'BROWN LABEL' = QLON  
9898  
PT No. 02798972  
(BLACK, 700m C/COIL)  
EUROCELL P/No  
6805092L

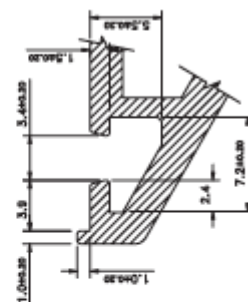
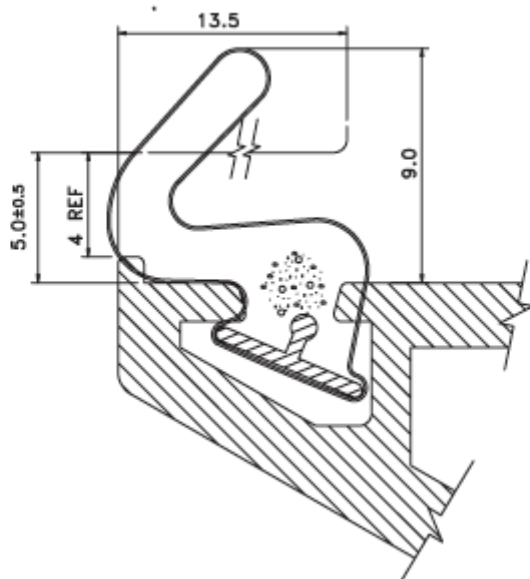
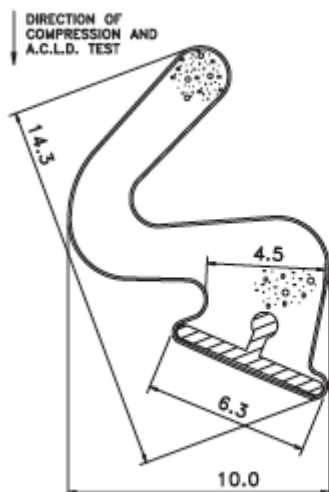
STD PKG REV 02798902

**NOTES:--**

1. DIMENSIONS ARE NOMINAL UNLESS OTHERWISE STATED
2. INFORMATION GIVEN MAY CHANGE WITHOUT NOTICE
3. A.C.L.D = 9.0M - 15.0M/100mm @ 25% COMPRESSION

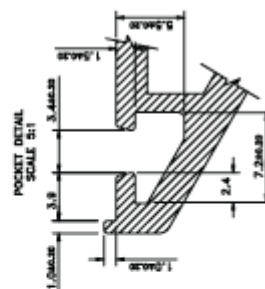
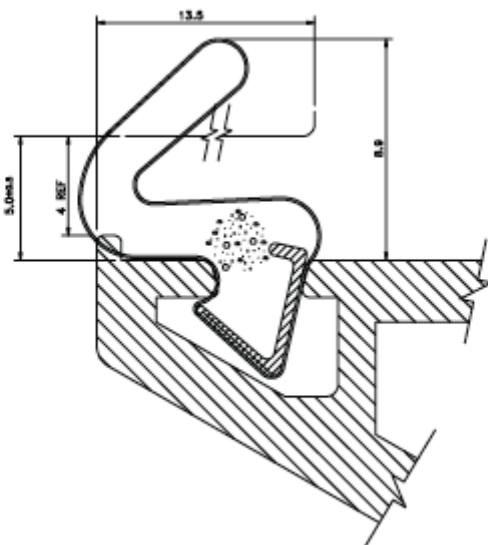
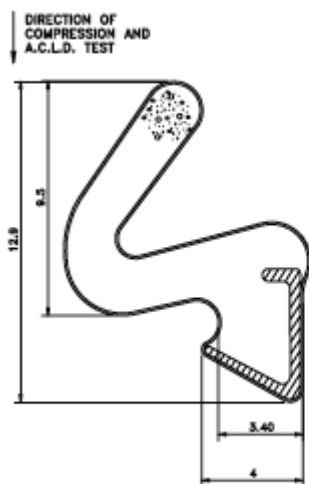


# QLON™ 9926



- NOTES:-
1. DIMENSIONS ARE NOMINAL UNLESS OTHERWISE STATED
  2. INFORMATION GIVEN MAY CHANGE WITHOUT NOTICE
  3. ACLD = 77N - 77N/100mm @ 25% COMPRESSION

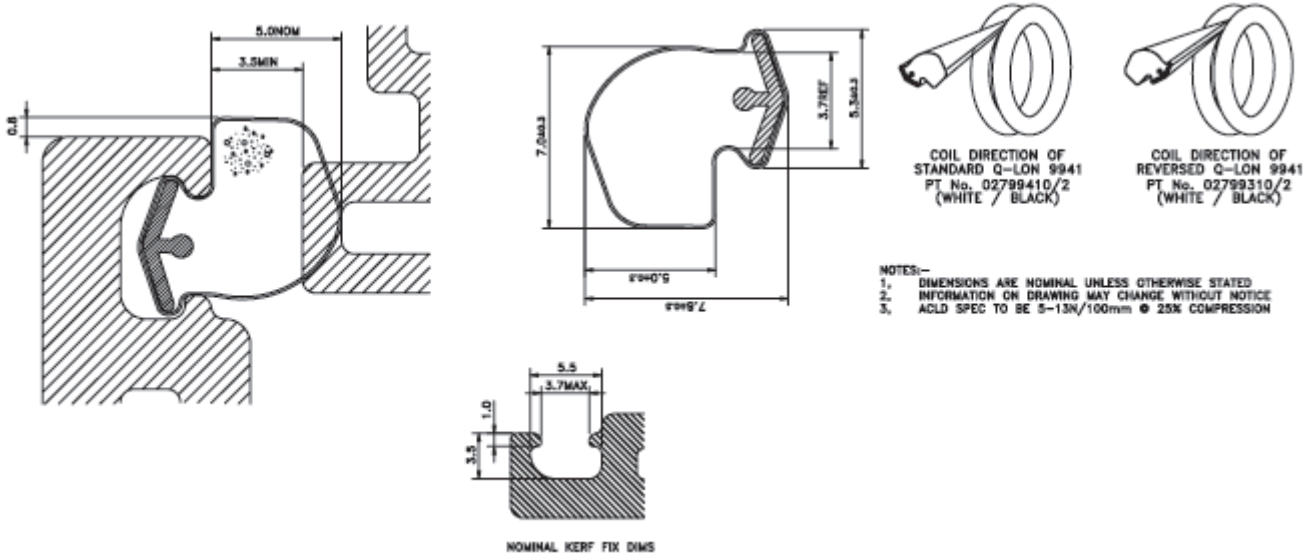
# QLON™ 9928



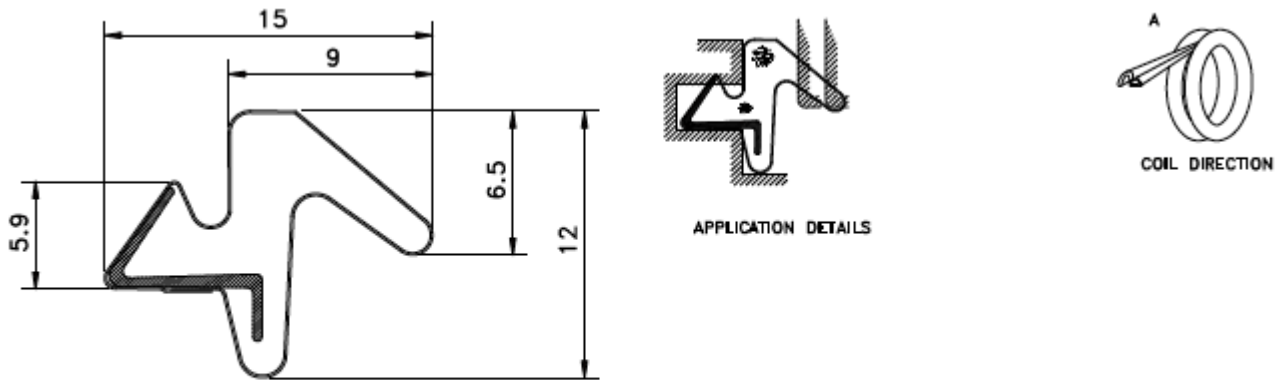
- NOTES:-
1. DIMENSIONS ARE NOMINAL UNLESS OTHERWISE STATED
  2. INFORMATION GIVEN MAY CHANGE WITHOUT NOTICE
  3. ACLD = 77N - 77N/100mm @ 25% COMPRESSION



# QLON™ 9941



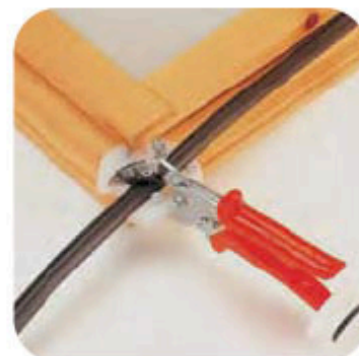
# QLON™ 9979



TECHNICAL SPECIFICATION: A, SEAL GAP 5.0mm MIN to 7.5mm MAX  
 B, KERF SLOT WIDTH. 4.0mm NOMINAL  
 C, MINIMUM KERF SLOT DEPTH 7.0mm



# QLON™ and AQUAMAC™ the ultimate weatherseal



Schlegel can offer a range of tools to aid in the use of their weatherseal range. These include:

- Weatherseal pay-offs
- Insertion rollers
- Mitre cutters



# WEATHERSEAL RANGE COLOUR CHART



BRONZE (RAL 8017)



WHITE (RAL 9003)



BLACK (RAL 9005)



DARK GREY  
(M5 EMBOSS ONLY RAL 7002)



BEIGE (RAL 1001)



LIGHT OAK (RAL 8003)



LIGHT GREY (RAL 7035)



SILVER GREY (RAL 7001)



OCHRE BROWN (RAL 8001)



CHESTNUT BROWN (RAL 8015)



GRAPHITE GREY (RAL 7024)



FAWN BROWN (RAL 8007)



PURE WHITE (RAL 9010)

- This chart is a 'rough' guide only not to be used as an exact representation of the finished colour
- Options available

