



NeoSEALERTM Flo



NEXT GENERATION
BIOCERAMIC SEALER
**FROM THE INVENTOR OF
WHITE PROROOT[®] MTA¹**

ONE SEALER TO STREAMLINE YOUR PRACTICE

NOT ALL CASES CAN BE TREATED
THE SAME WAY.

NeoSEALER Flo is optimized for both warm
vertical and single cone obturation techniques
for maximum efficiency and savings.

FORMULATED WITH MORE BIOACTIVE CEMENT THAN ORIGINAL BIOCERAMIC SEALER²

NeoSEALER Flo is thoughtfully designed to promote
setting and maximize bioactivity.

MTA-BASED BIOACTIVITY

Hydroxyapatite forms to ensure bioactive sealing.

DIMENSIONALLY STABLE

Unlike resin-based sealers, NeoSEALER Flo is
dimensionally stable.

ADA 57 std. <1% shrinkage & <0.1% expansion

I love the way Avalon Biomed
NeoSEALER Flo handles. It coats the
canal walls consistently and clean up in
the chamber after obturation is easy.

– Ryan Walsh, DDS, MS
Endodontist

RESIN-FREE

For maximum bioactivity.

NON-STAINING

- ✓ Won't discolor teeth — **EVER**.
- ✓ NaOCl won't cause discoloration.

EXTENDED WORKING TIME



** Sets in vivo in the presence of moisture

HIGH FLOW

Fine particle size allows excellent flow to fill and seal
lateral canals.

HIGH RADIOOPACITY



Courtesy of
Alejandro Podolsky, DDS
Endodontist

Courtesy of
Ron Hill, DDS, MSD
Endodontist

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¹ Patented under US Patent No. 7,892,342 owned by DENTSPLY International Inc.

² NeoSEALER Flo contains 6% more bioactive cement by weight compared to EndoSequence BC Sealer (in-house data obtained through XRD analysis)

³ J Dent. 2014 May;42(5):517-33. A review of the bioactivity of hydraulic calcium silicate cements. Niu LN, Jiao K, Wang TD, Zhang W, Camilleri J, Bergeron BE, Feng HL, Mao J, Chen JH, Pashley DH, Tay FR

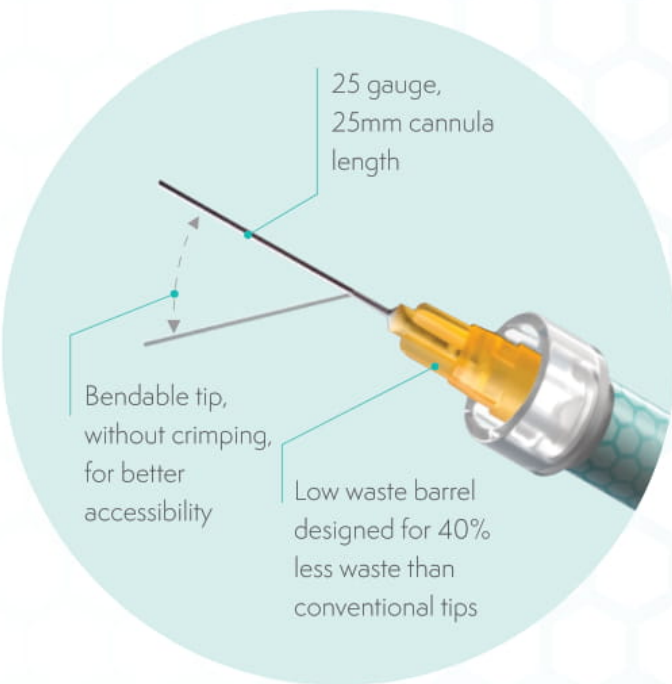
HIGH pH

To promote osteogenic response.

MORE VALUE BUILT-IN, AT LESS COST

Our unique Flo Tip™ design combines a minimal waste barrel and a bendable tip for better accessibility.

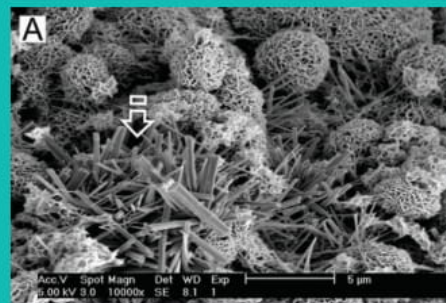
Flo Tip™ MORE PRECISION. 40% LESS WASTE.



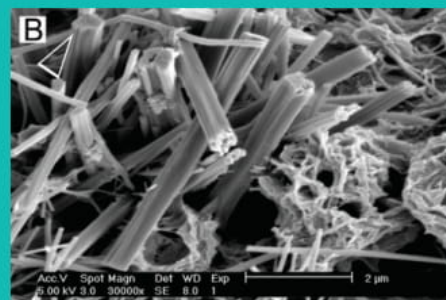
NeoSEALER Flo was thoughtfully designed to provide clinicians **more versatility, more efficiency and more savings** for your practice.

UNLIKE INERT RESIN AND ZOE MATERIALS, MTA PROVIDES STATE OF THE ART TECHNOLOGY TO PROMOTE BIOACTIVITY AND SUPPORT HEALING

- After placement of MTA in the tooth, body fluids infiltrate the paste to cause setting.
- During this process calcium and hydroxide ions are released from the MTA, promoting hydroxyapatite (HA) formation on the MTA surfaces.
- When HA coats the surface, it hides the underlying MTA to minimize foreign body reactions and support healing responses of the pulpal or periapical tissue.



Calcium phosphate precipitated crystals scattered on the hydrated tricalcium silicate cement surface³.



High magnification image of the calcium phosphate crystals³.

NEXT GENERATION BIOCERAMIC SEALER

For years, clinicians have settled for using inert resin and ZOE sealers or paid too much for premixed bioceramic sealers. **Not anymore.**

At Avalon Biomed, we believe innovation should improve patients' lives and reduce health care costs. That's why we designed NeoSEALER Flo to be efficient, effective and the most economical premixed bioceramic sealer on the market today.

From the beginning, our goal has been to save more teeth for more people. That takes constant improvement in technology, without resting on past success.

– Carolyn Primus, PhD

Inventor of White ProRoot® MTA, Grey MTA Plus®, NeoMTA Plus®, NeoMTA® 2, NeoSEALER™ Flo, NeoPUTTY™



COMPLETE YOUR ARMAMENTARIUM

with NeoPUTTY, the most radiopaque bioactive bioceramic putty in its class.

NeoPUTTY is a resin-free bioactive bioceramic cement with superior handling properties. Its firm, low-tack consistency, wash-out resistance and bioactivity make it the premier putty for 12 of your most important procedures.

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