



# No Compromise.

Aquasil® Ultra+  
Smart Wetting® Impression Material

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THE DENTAL  
SOLUTIONS  
COMPANY™

 Dentsply  
Sirona



IMPRESSION MATERIAL AND DELIVERY SYSTEM

# MADE FOR THE REAL WORLD

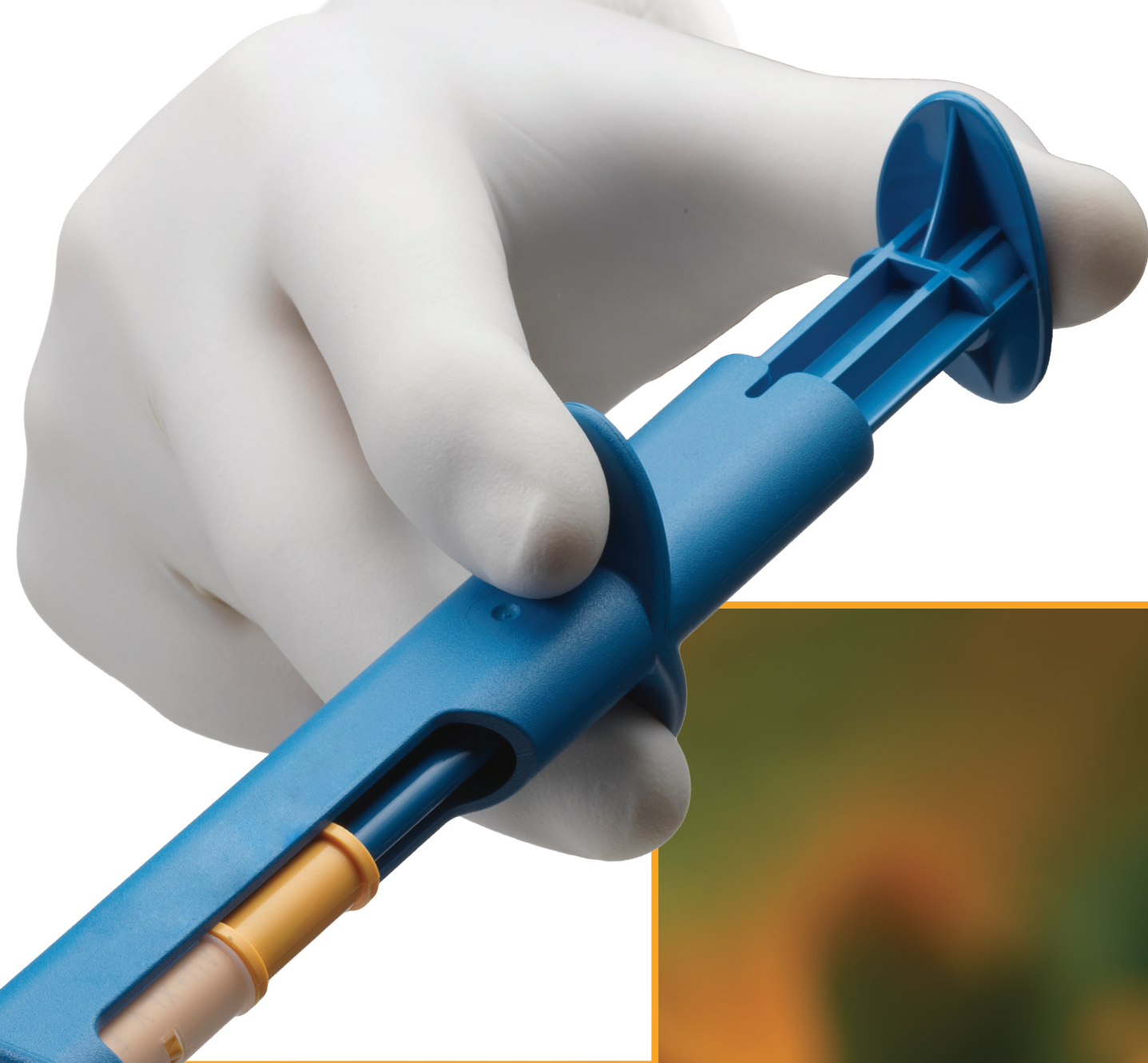
The cases that require impressions aren't always ideal. You deserve a conventional impression solution that meets and even exceeds your expectations every time. To help you take consistently successful impressions, Dentsply Sirona has designed a complete portfolio of material and delivery. Together, they will change the way you take impressions.

**Aquasil® Ultra+ Smart Wetting® Impression Material** combines state-of-the-art intraoral hydrophilicity and intraoral tear strength to deliver better-than-ever results.

- Industry-leading intraoral hydrophilicity and intraoral tear strength offer incredible detail and accuracy
- Material can be used across a range of use cases including single-unit crowns, multi-unit restorations, implants, edentulous, and clear aligners

**digit® Targeted Delivery System** allows the clinician to get closer to the prepared tooth with a convenient intraoral syringe design.

- Precision placement of the low viscosity impression material to reduce risk of delivery-related impression errors
- Easy, single-use design system with autoclaveable reusable syringe



**76% OF CLINICIANS WANT  
A PROCESS AND MATERIAL  
TO DELIVER MORE VALUE  
TO THEIR PROCEDURE<sup>1</sup>**

<sup>1</sup> Data on file.



# HYDROPHILICITY + TEAR STRENGTH



## HYDROPHILICITY WHERE IT COUNTS, INTRAORALLY

Hydrophilicity, or contact angle, is most important when the material is being dispensed intraorally. Aquasil Ultra+ impression material delivers industry-leading intraoral hydrophilicity. Our extremely low contact angle—while the impression material is uncured—helps ensure an accurate impression in the presence of natural hydration, so over desiccation of the tooth prep isn't necessary.

**LEADING INTRAORAL HYDROPHILICITY\***  
The material is designed to avoid trapping fluid from the moment it is syringed in a moist, humid environment, helping alleviate voids and bubbles at or near the margin.

**LEADING CURED-FILM HYDROPHILICITY\***  
The material continues to work well with moisture after it leaves your office, delivering accuracy at the lab to deliver properly fitting final restorations.

|                          | INTRAORAL HYDROPHILICITY<br>(2" @80% RH) | CURED-FILM HYDROPHILICITY<br>(5" @50% RH) | INTRAORAL TEAR STRENGTH<br>(PSI @ .265mm thickness) | 24 HOUR TEAR STRENGTH<br>(PSI @ .265mm thickness) |
|--------------------------|--|---|---|---|
| <b>AQUASIL® ULTRA+</b>   | 15°                                      | 5°  | 607   | 678   |
| <b>IMPRINT™ 4</b>        | 19°                                      | 6°  | 441   | 539   |
| <b>TAKE 1™ ADVANCED™</b> | 72°                                      | 88°                                       | 196   | 338   |
| <b>EXAFAST™ NDS</b>      | 68°                                      | 66°                                       | 242   | 273   |
| <b>FLEXITIME®</b>        | 55°                                      | 58°                                       | 291   | 399   |
| <b>IMPRINT™ 3</b>        | 70°                                      | 43°                                       | 505   | 614   |
| <b>IMPREGUM™</b>         | 49°                                      | 54°                                       | 165   | 259   |
| <b>V-POSIL</b>           | 52°                                      | 42°                                       | 414   | 404   |

## INTRAORAL TEAR STRENGTH WITH POLY-STRONGER BONDS

Tears and voids at the margin are the most common errors in impressions. Aquasil® Ultra+ impression material reduces the risk of tears when you need it most — at the thinnest thicknesses while removing it from the mouth. Our advanced formula accommodates a wider set of cases, including those using retraction paste and other techniques where minimal retraction occurs.

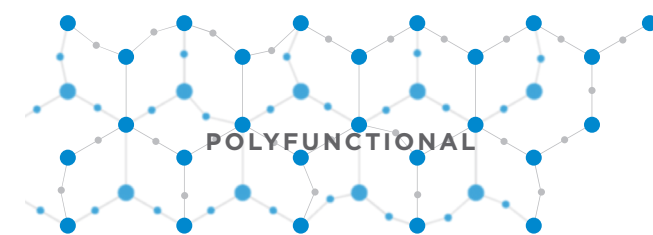
**LEADING INTRAORAL TEAR STRENGTH\***  
Patented technology delivers polyfunctional bonds, for the highest intraoral tear strength on the market. This ensures margins stay intact and material is not left in the sulcus.

**LEADING TEAR STRENGTH AT 24 HOURS\***  
Labs also need your impression to remain intact. Aquasil Ultra+ material is designed to remain strong after it leaves your office, further ensuring better model and final impression accuracy.

### WHY IS IT STRONGER?



Impression materials that rely on polyether, traditional a-silicone, and c-silicone chemistries rely on linear bonds. This limits their ability to produce high tear strength.



Our patented chemistry ensures chemical connections occur through polyfunctional bonds, or branching. This allows the material to be strong even at the thinnest cross-sections.

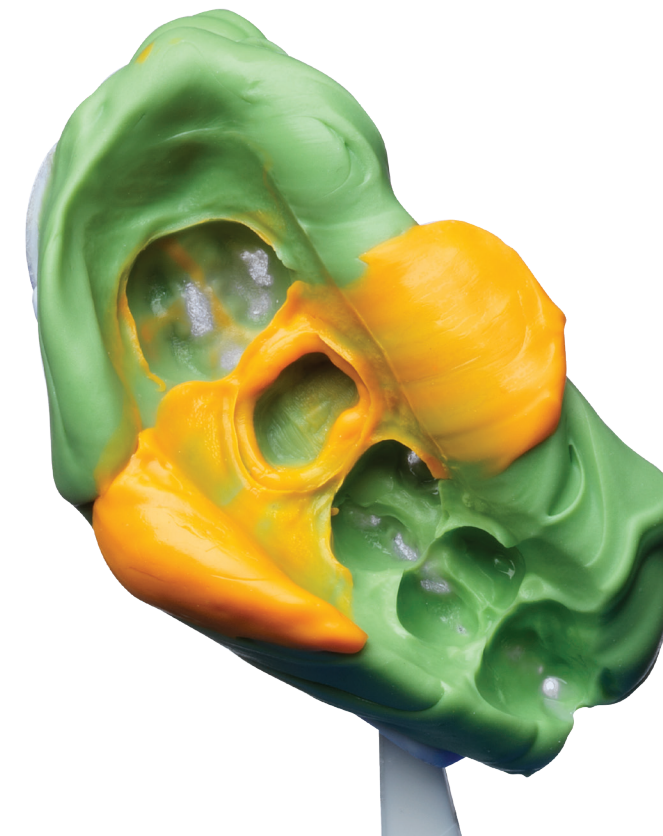


# ERGONOMICS + WORK TIMES

Delivery of your impression material is critically important to the success of your final impression. Aquasil Ultra+ impression material's patented digit® Targeted Delivery System and single-use cartridges get you up to 34% closer to the prepared tooth and put precision placement at your fingertips. Multiple viscosities and set times for single- to multi-unit restoration cases help assure you have the right product for the right case.

## Convenience and Safety

Convenient unit-dose design and autoclaveable reusable syringe allow you to quickly and precisely place material where you need with simple and effective reprocessing.



## ERGONOMICS FOR PRECISION

Aquasil Ultra+ impression material delivers high-performance in an easy-to-use precision delivery system.

- Convenient single-use cartridges
- Produce less waste using the digit Targeted Delivery System

Just 5.25"  
from hand  
to tip

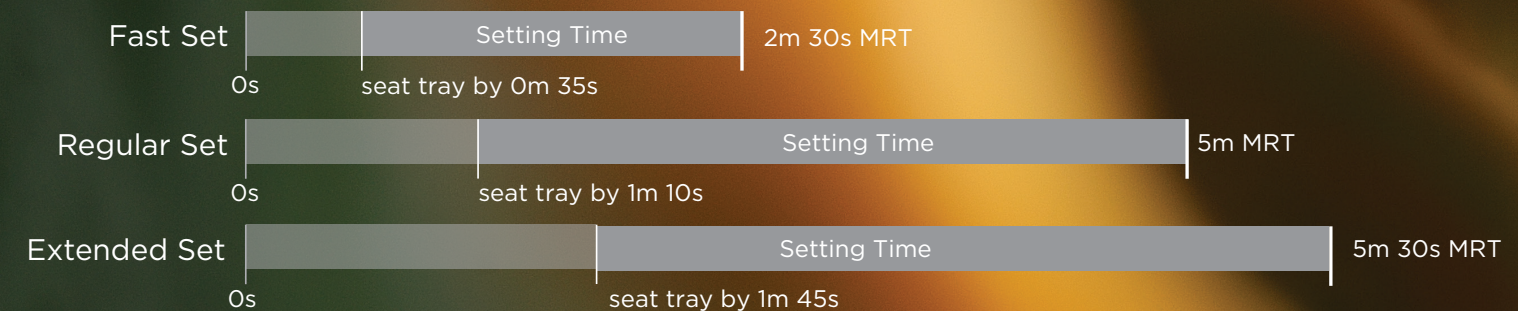


## IDEAL WORK AND SET TIMES

Exceeding the work time of your impression material can lead to distortion, drags, and pulls. Aquasil Ultra+ impression material provides long, clearly labeled intraoral work times so you don't need to guess how much time you have while working on your patients.

**SINGLE-UNIT.** Fast Set allows for speed without sacrificing working time

**MULTI-UNIT.** Regular Set allows for additional time in more complicated cases.



## EXPERIENCE THE NEXT EVOLUTION OF IMPRESSION MATERIAL.

For more information about Aquasil Ultra+ impression material please contact your local Dentsply Sirona Representative or visit

[www.dentsplysirona.com](http://www.dentsplysirona.com)

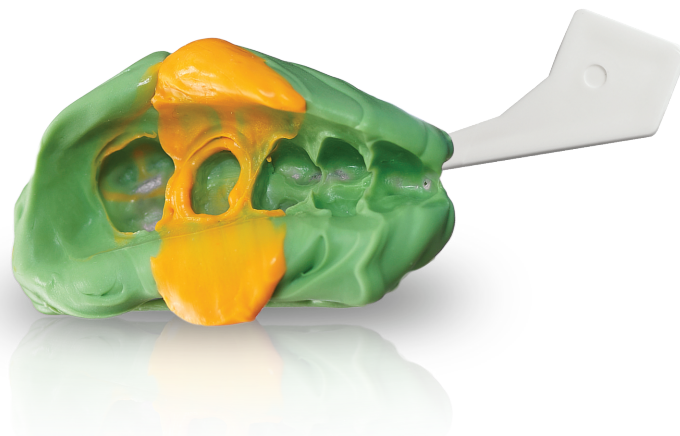


# Ordering Information

## Aquasil® Ultra+ Introductory Kit

678695

- 2 Cartridges ● Heavy Fast Set (50mL each);
- 1 Cartridge ● LV Fast Set (50mL);
- 1 Cartridge ● XLV Fast Set (50mL);
- 1 Bottle Caulk® Tray Adhesive (14mL)
- 1 digit® ● LV/● XLV Regular Set Evaluator Kit;
- 12 Mixing Tips and 6 Intraoral Tips



## Aquasil® Ultra+ Material Refills

digit® Targeted Delivery Cartridge Refills  
50 single-use cartridges, 50 intraoral mixing tips

|       | FAST SET               | REGULAR SET                                      |
|-------|------------------------|--|
| ● XLV | 678645 Small Cartridge | 678640 Small Cartridge<br>678641 Large Cartridge |
| ● LV  | 678642 Small Cartridge | 678640 Small Cartridge<br>678644 Large Cartridge |

50mL Cartridge 4-pack Refills  
4 cartridges (50mL ea), 12 mixing tips

|          | FAST SET | REGULAR SET | EXTENDED SET |
|----------|----------|-------------|--------------|
| ● XLV    | 678670   | 678668      | 678701       |
| ● LV     | 678672   | 678671      |              |
| ● Medium | 678674   | 678673      |              |
| ● Heavy  | 678676   | 678675      | 678703       |
| ● Rigid  | 678678   |             |              |

50mL Cartridge 24-pack Bulk Refills  
24 cartridges (50mL ea)

|          | FAST SET | REGULAR SET |
|----------|----------|-------------|
| ● Medium | 678601   | 678602      |
| ● Heavy  | 678626   | 678625      |
| ● Rigid  | 678627   |             |

DECA™ Cartridge Standard Packs

2 Cartridges (380mL ea), Mixing Tips, 1 Bayonet Locking Ring

|          | FAST SET | REGULAR SET | EXTENDED SET |
|----------|----------|-------------|--------------|
| ● Medium | 678697   | 678682      |              |
| ● Heavy  | 678684   | 678686      | 678704       |
| ● Rigid  | 678688   |             |              |

Hand Mix Putty

1 base Jar, 1 catalyst Jar, 2 measuring spoons

|              | FAST SET       | REGULAR SET |
|--------------|----------------|-------------|
| ● Soft Putty | 678620 (900mL) |             |
|              | 678708 (500mL) |             |

## Accessories

|             |  |
|-------------|--|
| 678007      | digit Standard Intraoral mixing tips (25 ct) |
| 678020      | digit Syringe Dispenser package (2 ct)       |
| 678212      | 50mL Teal Mixing Tip Refill (48 ct)          |
| 626281      | 50mL Intraoral Tip Refill (100 ct)           |
| 678351      | 50mL Cartridge Dispenser                     |
| 276100-1000 | Duomix II Dynamic Mixing Machine             |
| 276999-0100 | Duomix II Wall Mount Kit                     |
| 678900      | Bayonet Ring Refill (2 ct)                   |
| 678950      | Dynamic Mixing Tip Refill (50 ct)            |
| 626155      | Caulk Tray Adhesive 14mL                     |

*\*Some Items not available in all markets*