

ACRYLICS



In 1997 our two company founders started DenPlus. One of the founders, a PhD chemist, developed a line of acrylics for dental applications, initiating the genesis of DenPlus. Over the last 25+ years our chemist has continuously evolved and improved our acrylics, and today we have hundreds of satisfied users across Canada and the USA. To this day we proudly continue to manufacture dental acrylics in our facility in Boucherville, Quebec, supporting the Canadian economy.

1-888-344-4424
www.denplus.com

IMPACT-20: Speed without Compromise



IMPACT-20 is a premium high-impact heat-cure acrylic designed for the fabrication of full and partial dentures. It cures in only 20 minutes at 100°C (or 1.5 hours at 73°C + 30 mins at 100°C) without loss of strength, porosities or an increase in residual monomer. It is designed for those who need faster curing times as part of their workflows. Setting time 7 minutes. Working time 30 minutes.

DESCRIPTION

Intro kit:

Econo kit:

Lab kit:

Impact-20 powder:

Impact-20 powder:

Impact-20 powder:

20 Minutes liquid:

20 Minutes liquid:

FORMAT

1lb powder + 240ml liquid

5lb powder + 1L liquid

25lb powder + 4x 1L liquid

1lb (454g)

5lb (2.3kg)

25lb (11.3kg)

240ml liquid

1L liquid



SHADES :

ORI, VIR, LPL, LPI, MDP, SPI, SPL, RPI

IMPACT-PLUS: Pour les traditionalistes

IMPACT-PLUS is our 1st premium high-impact heat-cure acrylic for full and partial dentures. It has a traditional cure time of either 1.5 hours at 73°C + 30 mins at 100°C, or 9 hours at 73°C. It's designed for those who prefer "overnight" curing of dentures. With it's extra-long working time it allows for stress-free packing of multiple flasks. Setting time 12 mins. Working time 40 mins.



SHADES :

ORI, VIR, LPL, LPI, MDP, SPI, SPL, RPI

DESCRIPTION

Intro kit:

Econo kit:

Lab kit:

Impact-Plus powder:

Impact-Plus powder:

Impact-Plus powder:

DP-HC liquid:

DP-HC liquid:

FORMAT

1lb powder + 240ml liquid

5lb powder+ 1L liquid

25lb powder + 4x 1L liquid

1lb (454g)

5lb (2.3kg)

25lb (11.3kg)

240ml liquid

1L liquid

DP97: When Economy is Valued

DP97 is one of our original formulations and has stood the test of time. It's the choice when maximum economy is the objective. It has a traditional cure time of either 1.5 hours at 73°C + 30 mins at 100°C, or 9 hours at 73°C. Setting time 11 mins. Working time 60 mins.

DESCRIPTION

Intro kit:
Econo kit:
Lab kit:
DP97 powder:
DP97 powder:
DP97 powder:
DP-HC liquid:
DP-HC liquid:

FORMAT

1lb powder + 240ml liquid
5lb powder + 1L liquid
25lb powder + 4x 1L liquid
1lb (454g)
5lb (2.3kg)
25lb (11.3kg)
240ml liquid
1L liquid



SHADES:
ORI, LPL, MDP, CLR

DP20: When Economy is Valued

DP-20 is an economical CLEAR ONLY heat-cure acrylic for full and partial dentures. It has a 20 minute cure time at 100°C.

SHADE:
CLR

DESCRIPTION

Intro kit:
Econo kit:
Lab kit:
DP-20 powder:
DP-20 powder:
DP-20 powder:
20 Minutes liquid:
20 Minutes liquid:

FORMAT

1lb powder + 240ml liquid
5lb powder + 1L liquid
25lb powder + 4x 1L liquid
1lb (454g)
5lb (2.3kg)
25lb (11.3kg)
240ml liquid
1L liquid

DP-REPAIR: Available in 7 Colours

DP-REPAIR acrylic is a cold-curing repair acrylic designed to match the colours of the range of DenPlus acrylics. Available in Fast (1 minute set) and Regular (5 minutes set).

DESCRIPTION

Intro kit:
Econo kit:
Lab kit:
DP-Repair powder:
DP-Repair powder:
DP-Repair powder:
(All available in Fast or Regular)

FORMAT

1lb powder + 240ml liquid
5lb powder + 1L liquid
25lb powder + 4x 1L liquid
1lb (454g)
5lb (2.3kg)
25lb (11.3kg)
240ml liquid
1L liquid

SHADES:
ORI, LPL, LPI, MDP, SPL, RPI

HIGH-WAVE: Resin for Microwave Curing



Those who microwave acrylic swear by the process and adore the speed. HIGH-WAVE is a high-impact acrylic that will result in strong, durable dentures that are free of porosities. Curing time is only 3 minutes at 700 W. Setting time 8 mins. Working time 35 mins.

DESCRIPTION

Intro kit:
Econo kit:
Lab kit:
High-Wave powder:
High-Wave powder:
High-Wave powder:
High-wave liquid:
High-wave liquid:

FORMAT

1lb powder + 240ml liquid
5lb powder + 1L liquid
25lb powder + 4x 1L liquid
1lb (454g)
5lb (2.3kg)
25lb (11.3kg)
240ml liquid
1L liquid



SHADES:
ORI, VIR, LPL, MDP

POUR-PLUS: The European

Using a pour acrylic is the way most dentures are processed in Europe. The pour method is fast and efficient and results in dentures that are equally as durable as those that are press-packed or injected, and that are colour stable. Working time 2-3 mins. Curing time 15 mins in a pressure pot at 55-60°C.



SHADES:
ORI, LPL, MDP

DESCRIPTION

Intro kit:
Econo kit:
Lab kit:
Pour-Plus powder:
Pour-Plus powder:
Pour-Plus powder:
Pour-Plus liquid:
Pour-Plus liquid:

FORMAT

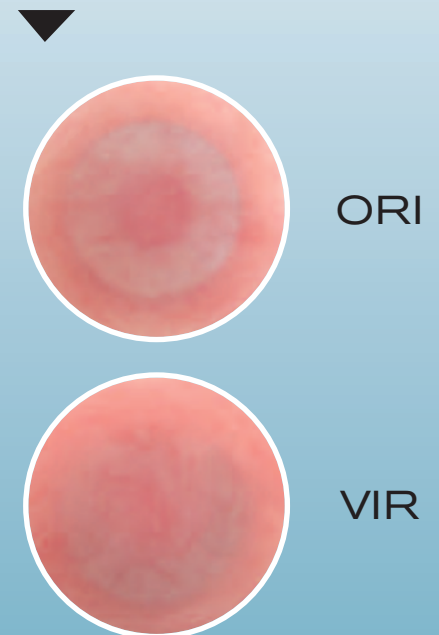
1lb powder + 240ml liquid
5lb powder + 2x 500ml liquid
25lb powder + 8x 500ml liquid
1lb (454g)
5lb (2.3kg)
25lb (11.3kg)
240ml liquid
500ml liquid

PHYSICAL PROPERTIES

RESIN	CURING	IMPACT (ft-lb/in)	FLEXION (MPa)	MODULUS (MPa)
<i>Lucitone 199*:</i>	<i>70°C-90min + 100°C-30min</i>	<i>0.47</i>	<i>66.4</i>	<i>1897</i>
<i>Impact-Plus:</i>	<i>70°C-90min + 100°C-30min</i>	<i>0.46</i>	<i>73.1</i>	<i>2460</i>
<i>Impact-Plus:</i>	<i>70°C-9h</i>	<i>0.46</i>	<i>70.6</i>	<i>1780</i>
<i>Impact-20:</i>	<i>70°C-90min + 100°C-30min</i>	<i>0.41</i>	<i>77.3</i>	<i>2720</i>
<i>Impact-20:</i>	<i>100°C-20min</i>	<i>0.41</i>	<i>73.2</i>	<i>2320</i>
<i>High-Wave:</i>	<i>3(700W)</i>	<i>0.37</i>	<i>71.4</i>	<i>2560</i>
<i>DP97:</i>	<i>70°C-90min + 100°C-30min</i>	<i>0.30</i>	<i>72.0</i>	<i>2337</i>

Standard ISO 20795-1:2013 (denture acrylic)
Flexion: min 65 MPa
Modulus: min 2000 MPa
*Registered trademark of Dentsply/Sirona

The ORI and VIR colors are similar. The VIR color being more opaque, it makes it possible to better hide the metallic structures. The following photo illustrates the difference.



As an indication, the following figure illustrates the different colors. Note that this is a guide only and the colour varies as a result of the printing process or your computer monitor settings.

DP-ORTHO: Premium Orthodontic Acrylic



POWDER ALSO AVAILABLE:

white, black, pink

*CONCENTRATE COLOURS:

black, blue, yellow, green,
red, orange, purple

DP-ORTHO is an auto-curing acrylic resin used to fabricate orthodontic appliances. Suitable for “salt and pepper” technique, also auto-pourable or heat-curable. DP-ORTHO powders come in two formats with varying average particle sizes: C (coarse – 90 microns) and F (fine – 65 microns). Three liquids colours are available (clear, crystal and pink) and four concentrates are also available to allow for specific customization of the appliances.

DESCRIPTION

Intro kit C or F:
Econo kit C or F:
Lab kit C or F:
Intro kit C or F with coloured liquid:
Econo kit C or F with coloured liquid:
Lab kit C or F with coloured liquid:
Ortho-C or F powder:
Ortho-C or F powder:
Ortho-C or F powder:
Liquid:
Liquid:
Colour concentrate kit:
Colour concentrate refills:

FORMAT

1lb powder + 240ml liquid
5lb powder + 1L liquid
25lb powder + 4x 1L liquid
1lb powder + 240ml coloured liquid
5lb powder + 1L coloured liquid
25lb powder + 4x 1L coloured liquid
1lb (454g)
5lb (2.3kg)
25lb (11.3kg)
240ml (pink, crystal and clear)
1L (pink, crystal and clear)
50ml bottles (each colour*)
50ml

PREMIUM TRAY: Custom Tray and Baseplate Acrylic



POWDERS:

yellow, white, pink, blue

PREMIUM TRAY is a self-curing acrylic designed for the fabrication of custom trays and baseplates. It is non-sticky and easily moldable. PREMIUM TRAY comes with two liquid types: Fast: 20-30 secs of gel time, 2-3 mins of working time and 6-7 mins of setting time. Regular: 30-45 seconds of gel time, 4-5 mins of working time and 8-9 mins of setting time.

DESCRIPTION

Intro kit:
Econo kit:
Lab kit:
Premium Tray powder:
Premium Tray powder:
Premium Tray powder:
DP-Tray Liquid Fast or Regular:
DP-Tray Liquid Fast or Regular:

FORMAT

1lb powder + 240ml liquid
5lb powder + 1L liquid
25lb powder + 4x 1L liquid
1lb (454g)
5lb (2.3kg)
25lb (11.3kg)
240ml liquid
1L liquid



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