

# Unity HiTemp Syringe Barrels

For use with fluids at temperatures up to 180° C



Reduce downtime and maintenance costs with EFD's disposable Unity HiTemp syringe barrels.



Opaque Unity Extreme HiTemp barrel shown with white Extreme tip cap.



Clear Unity HiTemp barrel shown with blue standard tip cap.

Nordson EFD's disposable Unity™ HiTemp™ syringe barrels provide a cost effective alternative to syringes commonly used in pneumatic dispensing of hot melt adhesives. The barrels are compatible with Nordson's Unity IC Series and Unity PURJet™ dispensing systems and other standard industry hot melt dispensers.

Available in three 30cc models, Unity HiTemp syringe barrels are engineered using proprietary materials that allow them to withstand high temperatures for up to eight hours.

- Opaque Extreme HiTemp barrels withstand 180° C (356° F) at up to 100 psi (7 bar). These syringes can be used with polyamides and other types of hot melt materials. They also block all UV light between 200 and 500 nm.
- Clear HiTemp barrels withstand 125° C (257° F) at up to 87 psi (6 bar). These syringes can be used with all hot melt adhesives, including moisture sensitive polyurethanes (PURs) and Silyl Modified Polymers (SMPs).

Unity HiTemp barrels accept EFD metal dispense tips, Unity adapters, and end caps. An Extreme HiTemp tip cap is available for applications above 125° C.

## Features

- Proprietary materials maintain integrity at high temperatures for up to eight hours
- 30cc capacities compatible with most industry hot melt systems

## Benefits

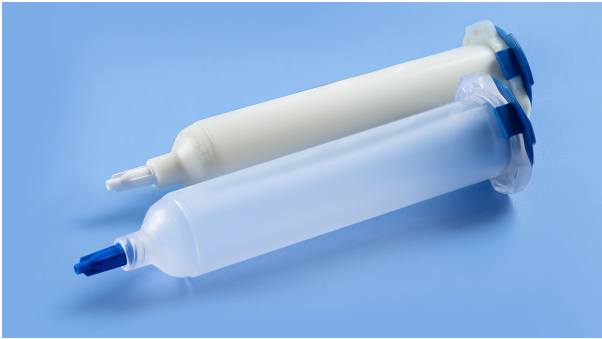
- Disposability reduces downtime and maintenance costs with better cost of ownership compared to standard metal syringes
- Reliable, repeatable hot melt adhesive dispensing at up to 180° C
- Higher temperatures allow for narrower beads and lines for more precise dispensing
- Tapered design allows the barrel to fit existing industry-standard heater blocks for superior moisture barrier protection
- Stemmed tip caps minimize curing in luer with moisture sensitive PURs and can be used with all barrel models



more info



P/N	Description	Color	Qty
7360475	30cc HiTemp syringe barrel	Clear	20
7360473	30cc Extreme HiTemp syringe barrel	White	20
7360452	Extreme HiTemp tip cap	White	50
7362347	30cc Unity adapter assembly 6 ft tubing	Blue	1



## Specifications

Item / Model	Extreme HiTemp Syringe Barrel	HiTemp Syringe Barrel	HiTemp Tapered Syringe Barrel
Size	129.8 mm length x 26.2 mm diameter (5.11" x 1.03")	129.8 mm length x 26.4 mm diameter (5.11" x 1.04")	130.04 mm length x 26.2 mm diameter (5.12" x 1.03")
Maximum operating temperature	180° C (356° F)	125° C (257° F)	125° C (257° F)
Maximum operating pressure*	100 psi (7 bar)	87 psi (6 bar)	87 psi (6 bar)

\*Maximum operating pressure 75 psi with traditional Unity adapter assembly



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