

# PAEDIATRIC LENSES

## MAXIMUM DIAMETER/MINIMUM RADIUS CHART

		Water Content							
		38%	49%	58%	67%	72%	77%	74%	
<b>Diameter</b>	19.50							10.30	10.30
	19.00							10.00	10.00
	18.50							9.60	9.60
	18.00						9.50	9.30	9.30
	17.50						9.20	9.00	9.00
	17.00					9.00	8.80	8.70	8.70
	16.50					8.70	8.50	8.40	8.40
	16.00				8.40	8.30	8.20	8.10	8.10
	15.50		8.20	8.10	8.00	7.90	7.90	7.90	7.90
	15.00		7.90	7.80	7.70	7.60	7.60	7.60	7.60
	14.50	7.70	7.60	7.50	7.40	7.40	7.40	7.40	7.40
	14.00	7.40	7.20	7.20	7.10	7.10	7.10	7.10	7.10
	13.50	7.00	6.90	6.90	6.90	6.90	6.90	6.90	6.90
	13.00	6.70	6.70	6.60	6.60	6.60	6.60	6.60	6.60
	12.50	6.40	6.40	6.40	6.40	6.40	6.50	6.50	6.50
	12.00	6.10	6.10	6.10	6.10	6.10	6.50	6.50	6.50
	11.50	5.90	5.90	5.90	5.90	6.10	6.50	6.50	6.50
	11.00	5.60	5.60	5.60	5.70	6.10	6.50	6.50	6.50
	10.50	5.40	5.40	5.40	5.70	6.10	6.50	6.50	6.50
10.00	5.10	5.20	5.40	5.70	6.10	6.50	6.50	6.50	

**Minimum Radius**

The maximum diameter of the lens is determined by the contact lens material blank size and therefore can not change.

The minimum radius is determined by the blank size/the lathe capability and the physical geometry. Should a smaller radius be required then the Back Aspheric design must be chosen.

### Ultravision CLPL

Commerce Way, Leighton Buzzard, Bedfordshire, LU7 4RW, United Kingdom

**UK Orderline 0800 585115** (Freephone)

+44 (0)1525 381112 +44 (0)1525 370091

info@ultravision.co.uk www.ultravision.co.uk

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