



CAPILLARY DIE STANDARD SELECTION CRITERIA

Special capillary dies available upon request consult factory for specific needs based on your application

LCR STANDARD DIES: (Able to produce the most popular shear rates)

ITEM NO.	ITEM DESCRIPTION	Possible Shear Rates	Additional Price (ea)
Y295-05	.75mm x 3.75mm (5:1) 90 deg	Over 18,000 sec ⁻¹	\$ 540
Y295-16	.75mm x 12.00mm (16:1) 90 deg	Over 18,000 sec ⁻¹	\$ 540
Y295-30	.75mm x 22.50mm (30:1) 90 deg	Over 18,000 sec ⁻¹	\$ 540
Z394-01	1mm x 1mm (1:1) 180 degree	Up to 7,900 sec ⁻¹	\$ 820
Z394-05	1mm x 5mm (5:1) 180 degree	Up to 7,900 sec ⁻¹	\$ 820
Z394-10	1mm x 10mm (10:1) 180 degree/flat	Up to 7,900 sec ⁻¹	\$ 820
Z394-20	1mm x 20mm (20:1) 180 degree/flat	Up to 7,900 sec ⁻¹	\$ 820
Z394-40	1mm x 40mm (40:1) 180 degree/flat	Up to 7,900 sec ⁻¹	\$ 820
Y394-20	1mm x 20mm (20:1) 90 degree	Up to 7,900 sec ⁻¹	\$ 820

ITEM NO.	Bagley Correction R&D	Bagley Correction QC		Dies for QC of High Viscosity Mat'l (HDPE, PVC)	Dies for QC Low Viscosity Mat'l (PET, Nylon)	Dies to Determine Polymer Melt Slippage (Macosko Method)	Study Entrance Angle Vs. Flat Die (Elastic or Memory effects)
	Shear Rates Up to 7900 sec ⁻¹	Shear Rates Up to 7900 sec ⁻¹	Shear Rates Over 18,000 sec ⁻¹				
Y295-05			Required				
Y295-16			Required			Small Diameter	
Y295-30			Add as 3 rd Die for Improved Accuracy		PET		
Z394-01	Fragile/Wear Quickly						
Z394-05		Required Short Die					
Z394-10		Add as 4th Die for Improved Accuracy					
Z394-20		Required Long Die					Flat Die
Z394-40		Add as 3 rd Die for Improved Accuracy					
Y394-20						Large Diameter	90 Deg Entrance Angle

For additional information about the above table ask your sales manager for assistance