



VIRTUAL POLYMER COMPOUNDS, LLC

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Three Inch Parshall Flume Flow Chart

| Head ft. | CFS | GPM | MGD | | Head ft. | CFS | GPM | MGD |
|----------|--------|-------|--------|--|----------|--------|-------|--------|
| 0.01 | | | | | 0.75 | 0.6357 | 285.3 | 0.4108 |
| 0.05 | | | | | 0.80 | 0.7024 | 315.2 | 0.454 |
| 0.10 | 0.0282 | 12.63 | 0.0182 | | 0.85 | 0.7715 | 346.2 | 0.4986 |
| 0.15 | 0.0527 | 23.66 | 0.0341 | | 0.90 | 0.8428 | 378.2 | 0.5447 |
| 0.20 | 0.0823 | 36.92 | 0.0532 | | 0.95 | 0.9163 | 411.2 | 0.5922 |
| | | | | | | | | |
| 0.25 | 0.1162 | 52.14 | 0.0751 | | 1.00 | 0.992 | 445.2 | 0.6411 |
| 0.30 | 0.154 | 69.13 | 0.0996 | | 1.05 | 1.07 | 480.1 | 0.6914 |
| 0.35 | 0.1955 | 87.75 | 0.1264 | | 1.10 | 1.15 | 515.9 | 0.743 |
| 0.40 | 0.2404 | 107.9 | 0.1554 | | 1.15 | 1.231 | 552.7 | 0.7959 |
| 0.45 | 0.2844 | 129.4 | 0.1864 | | 1.20 | 1.315 | 590.3 | 0.85 |
| | | | | | | | | |
| 0.50 | 0.3395 | 152.4 | 0.2194 | | 1.25 | 1.401 | 628.8 | 0.9055 |
| 0.55 | 0.3934 | 176.6 | 0.2543 | | 1.30 | 1.489 | 668.1 | 0.9621 |
| 0.60 | 0.4501 | 202 | 0.2909 | | 1.35 | 1.578 | 708.3 | 1.02 |
| 0.65 | 0.5094 | 228.6 | 0.3292 | | 1.40 | 1.669 | 749.2 | 1.079 |
| 0.70 | 0.5713 | 256.4 | 0.3692 | | 1.45 | 1.763 | 791 | 1.139 |
| | | | | | 1.50 | 1.857 | 833.6 | 1.2 |