

**COATED ABRASIVES – GRAIN SIZING COMPARISON TABLE**

| Micron Size | Fepa (P Grade) | ANSI | JIS   | Cubitron | Flexible Diamond | Diamond Cloth | Trizact | Emery |
|-------------|----------------|------|-------|----------|------------------|---------------|---------|-------|
|             | P12            | 12   |       |          |                  |               |         |       |
|             | P16            | 16   |       |          |                  |               |         |       |
|             | P20            | 20   |       |          |                  |               |         |       |
|             | P24            | 24   |       |          |                  |               |         |       |
|             |                |      |       | 36+      |                  |               |         |       |
|             | P36            | 36   |       |          |                  |               |         |       |
|             | P40            | 40   |       |          |                  |               |         |       |
|             |                |      |       | 50+      |                  |               |         |       |
|             | P50            | 50   |       |          |                  |               |         |       |
|             |                |      |       | 60+      |                  |               |         |       |
| 250         | P60            | 60   | 60    |          | M250             |               |         |       |
|             |                |      |       | 80+      |                  |               |         |       |
| 200         | P80            | 80   | 80    |          |                  |               | A300    |       |
|             |                |      |       | 120+     |                  |               |         |       |
| 160         | P100           | 100  | 100   |          |                  | 165           | A200    |       |
| 125         | P120           | 120  | 120   |          | M125             | 125           | A160    |       |
| 100         | P150           | 150  | 150   |          |                  |               | A130    |       |
| 80          | P180           | 180  | 180   |          |                  |               | A110    | 3     |
| 75          |                |      | 200   |          |                  |               | A100    |       |
|             | P220           |      | 220   |          | M74              | 70            | A90     |       |
| 60          | P240           | 220  | 240   |          |                  |               | A85     | 2     |
|             |                |      |       |          |                  |               | A80     |       |
|             | P280           |      |       |          |                  |               | A75     |       |
| 50          |                | 240  | 280   |          |                  |               | A65     |       |
|             | P320           |      |       |          |                  |               | A60     |       |
|             |                | 280  | 320   |          |                  |               |         | 1     |
| 40          | P360           | 320  | 360   |          |                  |               | A45     |       |
|             | P500           | 360  | 400   |          | M40              | 45            |         | 1/0   |
| 35          | P600           |      |       |          |                  |               | A35     |       |
| 30          |                | 400  | 500   |          | R30              |               | A30     | 2/0   |
|             | P800           |      |       |          |                  |               | A25     |       |
| 20          | P1000          | 500  | 600   |          |                  | 30            | A20     | 3/0   |
|             |                |      | 800   |          | M20              |               |         |       |
|             |                | 600  | 1000  |          |                  |               | A16     |       |
| 15          | P1200          | 800  | 1200  |          |                  | 15            |         |       |
|             |                |      |       |          |                  |               |         |       |
| 12          | P1500          | 1000 | 1500  |          |                  |               |         |       |
|             |                |      | 1800  |          | M10              | 9             | A10     |       |
| 9           | P2000          | 1200 | 2000  |          | R10              |               |         | 4/0   |
| 6           |                | 1400 |       |          |                  |               | A6      |       |
| 5           | P2500          |      | 2500  |          |                  |               |         |       |
|             |                |      | 3000  |          |                  | 6             |         |       |
| 3           | P3000          | 1800 | 4000  |          |                  |               | A3      |       |
|             |                |      | 6000  |          |                  |               |         |       |
|             |                |      | 7500  |          | R2               |               |         |       |
| 1           |                | 2000 | 8000  |          |                  | 3             |         |       |
| 0.5         |                |      |       |          |                  |               |         |       |
| 0.3         |                |      | 10000 |          |                  |               |         |       |
| 0.1         |                |      | 25000 |          |                  |               |         |       |
| 0.05        |                |      | 50000 |          |                  | 0.5           |         |       |