

| REACTIVE DYE | Dyeing depth | Solubility g/l | AFFINITY | LIGHT | Washing | | Water | | Prespiration | | | | Peroxide | | Rubbing | | Hot Pressing | | CHLORINATED | Discharge Ability | | Effect of metal | | Dyeing Stain | | |
|-----------------------------|--------------|----------------|----------|-------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|---------|-----|--------------|---------|-------------|-------------------|----------|-----------------|---------|--------------|-------|------|
| | | | | | COLOR CHANGE | COLOR STAIN | COLOR CHANGE | COLOR STAIN | ACID | | Alkaline | | COLOR CHANGE | COLOR STAIN | DRY | WET | IMMEDIATELY | 4 HOURS | | NEUTER | ALKALINE | CU+ + | FE+ + | POLYESTER | NYLON | WOOL |
| | | | | | | | | | COLOR CHANGE | COLOR STAIN | COLOR CHANGE | COLOR STAIN | | | | | | | | | | | | | | |
| | | | | | COLOR CHANGE | COLOR STAIN | COLOR CHANGE | COLOR STAIN | COLOR CHANGE | COLOR STAIN | COLOR CHANGE | COLOR STAIN | | | | | | | | | | | | | | |
| Yellow 4GL | 0.5 3.0 | 150 | H | 4-5 | 5 | 5 | 5 | 5 | 5 | 5 | 4-5 | 5 | 5 | 5 | 5 | 3-4 | 5 | 5 | 3 | A | A | 3R | 5 | 5 | 5 | 1- |
| Yellow 3GL | 0.5 3.0 | 100 | H | 5 | 4-5 | 5 | 5 | 5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 5 | 4-5 | 3-4 | 4 | 5 | 3-4 | A | A | B | B | 5 | 3-4 | 1- |
| Yellow GR 150% | 0.5 3.0 | 110 | M | 5 | 5 | 4-5 | 4-5 | 4-5 | 5 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 | 4 | 4 | 3 | A | A | 4-9 | 5 | 5 | 3 | 2 |
| Yellow 3RS 150% | 0.5 3.0 | 130 | M | 5 | 5 | 4-5 | 4-5 | 5 | 5 | 4-5 | 4-5 | 4-5 | 5 | 5 | 4 | 3 | 4-5 | 3-4 | 3 | A | B | 3 YD | 3 YD | 5 | 3 | 2 |
| Orange 2R | 0.5 3.0 | 130 | H | 4-5 | 4-5 | 4 | 4-5 | 4 | 4-5 | 4 | 4-5 | 4 | 4 | 5 | 4 | 3 | 4 | 4-5 | 3 | A | A | 3 D | 4-5 | 5 | 3 | 1- |
| Orange 3R 135% | 0.5 3.0 | 150 | H | 4-5 | 4-5 | 4 | 4-5 | 4 | 4 | 4 | 5 | 4-5 | 4 | 5 | 5 | 3-4 | 4 | 5 | 3 | A | A | 3 D | 4-5 | 5 | 5 | 1- |
| Red 2BF | 0.5 3.0 | 150 | H | 5 | 5 | 5 | 5 | 4-5 | 5 | 4-5 | 5 | 4-5 | 5B | 5 | 4-5 | 3-4 | 4b | 5 | 4-5 | D | D | 3 BD | 3 BD | 5 | 4-5 | 2 |
| Red 3BS 150% | 0.5 3.0 | 200 | H | 4-5 | 5 | 5 | 5 | 4-5 | 5 | 4-5 | 5 | 4-5 | 5 | 5 | 4-5 | 3-4 | 4 | 4-5 | 3-4 | D | D | 3 BD | 3 BD | 5 | 4 | 2 |
| Red E-BF | 0.5 3.0 | 150 | H | 4 | 4-5 | 4-5 | 4-5 | 4 | 4 | 4 | 5 | 4-5 | 4 | 5 | 5 | 3 | 4 | 5 | 3 | A | A | 4 | 4 | 5 | 4 | 3 |
| Turquoise Blue G 133% | 0.5 3.0 | 150 | H | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4-5 | 4-5 | 4-5 | 4 | 3 | 4-5 | 4 | 3 | D | D | 5 | 5 | 4-5 | 3 | 2 |
| Blue R S/P 150% | 0.5 3.0 | 150 | H | 5 | 5 | 4-5 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 5 | 4-5 | 3 | 5 | 5 | 3 | D | D | 5 | 5 | 4 | 4 | 2 |
| Blue BRF 150% | 1.0 3.0 | 100 | H | 5 | 5 | 5 | 4-5 | 4-5 | 4 | 4 | 4-5 | 4 | 4-5 | 4-5 | 4-5 | 3 | 4-5 | 5 | 3-4 | B | CB | 4-5 | 4 | 5 | 2 | 1 |
| Navy Blue BF | 1.0 3.0 | 150 | H | 4 | 5 | 4-5 | 5 | 5 | 4 | 4 | 5 | 4-5 | 5 | 5 | 5 | 3 | 4-5 | 5 | 3 | A | A | 5 | 5 | 4 | 2-3 | 2 |
| Navy Blue GF | 1.0 3.0 | 150 | H | 5 | 5 | 5 | 4-5 | 5 | 4-5 | 5 | 5 | 4-5 | 4-5 | 5 | 5 | 4-5 | 3 | 4-5 | 4-5 | C | CB | 4R | 5 | 4-5 | 5 | 2 |
| Black NR | 3.0 6.0 | 100 | H | 5 | 5 | 4-5 | 4 | 4 | 5 | 4-5 | 5 | 4 | 5 | 5 | 4-5 | 3 | 5 | 5 | 3 | B | B | 3R | 5 | 5 | 4 | 2 |
| Black FGR | 3.0 6.0 | 150 | H | 4-5 | 4-5 | 4-5 | 5 | 5 | 4 | 4 | 5 | 4-5 | 5 | 5 | 4-5 | 3 | 4-5 | 5 | 3 | A | A | 3R | 5 | 5 | 2 | 1- |
| Black B 150% | 3.0 6.0 | 150 | H | 5 | 5 | 4-5 | 5 | 5 | 4 | 4 | 5 | 4-5 | 5 | 5 | 4-5 | 3 | 4-5 | 5 | 3 | A | A | 4R | 5 | 5 | 3 | 2 |