

Blastrite (Pty) Ltd
 P.O. Box 5515
 Cape Town
 South Africa
 Tel. : +27 21 417 1700
 Fax. : +27 21 425 2341
 E-mail : sales@blastrite.com

Commercial Information
SURFACE PREPARATION INNOVATION

Version Date: January 2011

Title: XHD™ RAC® SwitchTip

THE NEW GENERATION XHD™ RAC® SWITCHTIP

- Recommended for Xtreme® Sprayers and XTR™ Airless Spray Guns
- For heavy duty applications up to 500 bar (50.0 MPa, 7250 psi)
- Tip can be switched out without removing the tip guard housing (no screwdriver required)
- Locking tab to ensure tip is held securely in guard
- Compact design, providing high pressure airless spray

Benefits

- Improved spraying productivity
- Reduced downtime - switch tips in seconds
- Light weight



Technical information

ORIFICE SIZE - INCHES

| (MM) | IN | .007 | .009 | .011 | .013 | .015 | .017 | .019 | .021 | .023 | .025 | .027 | .029 | .031 | .033 | .035 | .037 | .039 |
|-----------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| (51-102) | 2-4 | 107 | 109 | 111 | 113 | 115 | 117 | 119 | 121 | | | | | | | | | 139 |
| (102-152) | 4-6 | | 209 | 211 | 213 | 215 | 217 | 219 | 221 | | 225 | 227 | 229 | 231 | | 235 | | 239 |
| (152-203) | 6-8 | 307 | 309 | 311 | 313 | 315 | 317 | 319 | 321 | 323 | 325 | 327 | 329 | 331 | 333 | 335 | 337 | 339 |
| (203-254) | 8-10 | | 409 | 411 | 413 | 415 | 417 | 419 | 421 | 423 | 425 | 427 | 429 | 431 | 433 | 435 | 437 | 439 |
| (254-305) | 10-12 | | 509 | 511 | 513 | 515 | 517 | 519 | 521 | 523 | 525 | 527 | 529 | 531 | 533 | 535 | 537 | 539 |
| (305-356) | 12-14 | | 609 | 611 | 613 | 615 | 617 | 619 | 621 | 623 | 625 | 627 | 629 | 631 | 633 | 635 | 637 | 639 |
| (356-406) | 14-16 | | | 711 | 713 | 715 | 717 | 719 | 721 | 723 | 725 | 727 | 729 | 731 | 733 | 735 | 737 | 739 |
| (406-457) | 16-18 | | | | 813 | 815 | 817 | 819 | 821 | 823 | 825 | 827 | 829 | 831 | 833 | 835 | 837 | 839 |
| (457-508) | 18-20 | | | | | | | | | 923 | | 927 | | 931 | 933 | 935 | 937 | 939 |
| Flow Rate (gpm) | | .05 | .09 | .12 | .18 | .24 | .31 | .38 | .47 | .57 | .67 | .74 | .90 | 1.03 | 1.17 | 1.31 | 1.47 | 1.63 |
| Flow Rate (lpm) | | .20 | .33 | .49 | .69 | .91 | 1.17 | 1.47 | 1.79 | 2.15 | 2.54 | 2.96 | 3.42 | 3.90 | 4.42 | 4.98 | 5.56 | 6.18 |

ORIFICE SIZE - INCHES

| (MM) | IN | .041 | .043 | .045 | .047 | .049 | .051 | .053 | .055 | .057 | .059 | .061 | .063 | .065 | .067 | .069 | .071 | .075 | .081 |
|-----------------|-------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| (51-102) | 2-4 | | | | | | | | | | | | | | | | | | |
| (102-152) | 4-6 | | | | | | | | | | | | | | | | | | |
| (152-203) | 6-8 | 341 | 343 | 345 | 347 | | 351 | | 355 | | | | | | | | | | |
| (203-254) | 8-10 | 441 | 443 | 445 | 447 | 449 | 451 | | 455 | | 459 | 461 | 463 | 465 | 467 | | 471 | 475 | 481 |
| (254-305) | 10-12 | 541 | 543 | 545 | 547 | 549 | 551 | 553 | 555 | 557 | | 561 | | 565 | 567 | | 571 | 575 | |
| (305-356) | 12-14 | 641 | 643 | 645 | 647 | 649 | 651 | | 655 | 657 | 659 | 661 | 663 | 665 | 667 | 669 | 671 | 675 | |
| (356-406) | 14-16 | 741 | 743 | | 747 | 749 | 751 | 753 | 755 | | | 761 | | | 767 | | 771 | | |
| (406-457) | 16-18 | 841 | 843 | | 847 | | 851 | | 855 | | | 861 | 863 | | 867 | | | | |
| (457-508) | 18-20 | | | | | | | | | | | | | | | | | | |
| Flow Rate (gpm) | | 1.8 | 2 | 2.2 | 2.4 | 2.6 | 2.79 | 4.3 | 3.3 | 3.5 | 3.7 | 4.0 | 4.3 | 4.5 | 4.8 | 5.1 | 5.4 | 6 | 7 |
| Flow Rate (lpm) | | 6.83 | 7.51 | 8.23 | 8.98 | 9.76 | 10.57 | 16.13 | 12.29 | 13.20 | 14.14 | 15.12 | 16.13 | 17.17 | 18.24 | 19.34 | 20.48 | 22.85 | 26.66 |

How to determine the correct spray tip size?

Use this formula: Free flow rate @ 60 cycles ÷ 3 = Tip size

Practical example: A free flow rate of 11 lpm ÷ 3 = 3.67 lpm = Tip size of 0.029

SURFACE PREPARATION INNOVATION

Portable/Stationary Abrasive Blast Equipment - Nozzles - Nozzle Holders - Hoses - Couplings - Lighting
 Wetblast Equipment - High Pressure Waterjetting - Personal Protection - Blast Cabinets - Dehumidifiers
 Blastrooms Vacuum Blast/Recovery Equipment - Portable/Stationary Wheelblast Equipment
 Pipe Cleaning/Coating - Air Treatment - Mobile Dust Collectors - Media - Paintspray Equipment
 Plural Component - Measuring Instruments