











Scotch-Brite™ Disc Finish Guide By Substrate



	1018 Mild Steel Ra - μin (micron)	304 Stainless Steel Ra - μin (micron)	6061 Aluminum Ra - μin (micron)
Scotch-Brite™ SC Surface Conditioning Disc, S-SFN	n/a	5 – 7 (0.1 – 0.2)	16 – 22 (0.4 – 0.6)
Scotch-Brite™ SC Surface Conditioning Disc, A-VFN	10 – 14 (0.2 – 0.4)	8 – 9 (0.2 – 0.3)	20 – 25 (0.5 – 0.7)
Scotch-Brite™ Precision Surface Conditioning Disc, VFN 	11 – 15 (0.2 – 0.4)	9 – 11 (0.2 – 0.3)	23 – 38 (0.5 – 1.0)
Scotch-Brite™ Precision Surface Conditioning Disc, FIN 	16 – 23 (0.4 – 0.6)	14 – 17 (0.3 – 0.5)	34 – 53 (0.8 – 1.4)
Scotch-Brite™ Precision HD Surface Conditioning Disc, MED (150+) 	16 – 23 (0.4 – 0.6)	16 – 23 (0.4 – 0.6)	45 – 61 (1.1 – 1.6)
Scotch-Brite™ SC Surface Conditioning Discs, A-MED	12 – 17 (0.3 – 0.5)	19 – 23 (0.4 – 0.6)	34 – 45 (0.8 – 1.2)
Scotch-Brite™ Precision Surface Conditioning Disc, MED 	21 – 37 (0.5 – 1.0)	19 – 23 (0.4 – 0.6)	65 – 75 (1.6 – 2.0)
Scotch-Brite™ SC Surface Conditioning Disc, A-CRS	17 – 29 (0.4 – 0.8)	25 – 31 (0.6 – 0.8)	62 – 84 (1.5 – 2.2)
Scotch-Brite™ Precision HD Surface Conditioning Disc, CRS (120+) 	27 – 38 (0.6 – 1.0)	19 – 28 (0.4 – 0.8)	75 – 82 (1.9 – 2.1)
Scotch-Brite™ Precision Surface Conditioning Disc, CRS 	40 – 51 (1.0 – 1.3)	21 – 27 (0.5 – 0.7)	69 – 84 (1.7 – 2.2)
Scotch-Brite™ Precision HD Surface Conditioning Disc, XCRS (80+) 	48 – 60 (1.2 – 1.6)	26 – 38 (0.6 – 1.0)	121 – 137 (3.0 – 3.5)
Scotch-Brite™ Precision Surface Conditioning Disc, XCRS 	51 – 72 (1.2 – 1.9)	36 – 54 (0.9 – 1.4)	121 – 140 (3.0 – 3.6)
Scotch-Brite™ Precision HD Surface Conditioning Disc, XXCRS (60+) 	68 – 79 (1.7 – 2.1)	33 – 55 (0.8 – 1.4)	152 – 177 (3.8 – 4.5)

*The information we are furnishing is based on tests performed at 3M laboratory facilities. While we believe that these test results are reliable, their accuracy or completeness is not guaranteed. Your results may vary due to differences in test types and conditions. This information is intended for use by persons with the knowledge and technical skills to analyze, handle and use such information. You must evaluate and determine whether the product is suitable for your intended application. The foregoing information is provided "AS-IS". In providing this information 3M makes no warranties regarding product use or performance, including any implied warranty of merchantability or fitness for a particular use.



Scotch-Brite™ PIPO Disc Finish Guide By Substrate









		1018 Mild Steel Ra - μ in (micron)	304 Stainless Steel Ra - μ in (micron)	6061 Aluminum Ra - μ in (micron)
Scotch-Brite™ Precision Surface Conditioning Disc, VFN		11 – 15 (0.2 – 0.4)	9 – 11 (0.2 – 0.3)	23 – 38 (0.5 – 1.0)
Scotch-Brite™ Precision Surface Conditioning Disc, FIN		16 – 23 (0.4 – 0.6)	14 – 17 (0.3 – 0.5)	34 – 53 (0.8 – 1.4)
Scotch-Brite™ Precision HD Surface Conditioning Disc, MED (150+)		16 – 23 (0.4 – 0.6)	16 – 23 (0.4 – 0.6)	45 – 61 (1.1 – 1.6)
Scotch-Brite™ SE Surface Conditioning Disc, A-FIN		10 – 24 (0.2 – 0.7)	16 – 21 (0.4 – 0.6)	37 – 52 (0.9 – 1.4)
Scotch-Brite™ SL Surface Conditioning Disc, MED		13 – 18 (0.3 – 0.5)	17 – 24 (0.4 – 0.7)	n/a
Scotch-Brite™ Precision Surface Conditioning Disc, MED		21 – 37 (0.5 – 1.0)	19 – 23 (0.4 – 0.6)	65 – 75 (1.6 – 2.0)
Scotch-Brite™ SE Surface Conditioning Disc, A-MED		21 – 28 (0.5 – 0.8)	19 – 24 (0.4 – 0.7)	64 – 97 (1.6 – 2.5)
Scotch-Brite™ SL Surface Conditioning Disc, CRS		18 – 27 (0.4 – 0.7)	22 – 30 (0.5 – 0.8)	n/a
Scotch-Brite™ Precision HD Surface Conditioning Disc, CRS (120+)		27 – 38 (0.6 – 1.0)	19 – 28 (0.4 – 0.8)	75 – 82 (1.9 – 2.1)
Scotch-Brite™ Precision Surface Conditioning Disc, CRS		40 – 51 (1.0 – 1.3)	21 – 27 (0.5 – 0.7)	69 – 84 (1.7 – 2.2)
Scotch-Brite™ Light Grinding & Blending Surface Conditioning Disc, HD		32 – 54 (0.8 – 1.4)	33 – 42 (0.8 – 1.1)	90 – 110 (2.2 – 2.8)
Scotch-Brite™ SL Surface Conditioning Disc, HD CRS		31 – 47 (0.7 – 1.2)	26 – 34 (0.6 – 0.9)	n/a
Scotch-Brite™ SE Surface Conditioning Disc, A-CRS		46 – 57 (1.1 – 1.5)	36 – 43 (0.9 – 1.1)	72 – 113 (1.8 – 2.9)
Scotch-Brite™ SL Surface Conditioning Disc, SD CRS		46 – 83 (1.1 – 2.2)	32 – 42 (0.8 – 1.1)	n/a
Scotch-Brite™ Precision HD Surface Conditioning Disc, XCRS (80+)		48 – 60 (1.2 – 1.6)	26 – 38 (0.6 – 1.0)	121 – 137 (3.0 – 3.5)
Scotch-Brite™ Precision Surface Conditioning Disc, XCRS		51 – 72 (1.2 – 1.9)	36 – 54 (0.9 – 1.4)	121 – 140 (3.0 – 3.6)
Scotch-Brite™ Light Grinding & Blending Surface Conditioning Disc, SD		53 – 84 (1.3 – 2.2)	50 – 59 (1.2 – 1.5)	110 – 171 (2.7 – 4.4)
Scotch-Brite™ Precision HD Surface Conditioning Disc, XXCRS (60+)		68 – 79 (1.7 – 2.1)	33 – 55 (0.8 – 1.4)	152 – 177 (3.8 – 4.5)

*The information we are furnishing is based on tests performed at 3M laboratory facilities. While we believe that these test results are reliable, their accuracy or completeness is not guaranteed. Your results may vary due to differences in test types and conditions. This information is intended for use by persons with the knowledge and technical skills to analyze, handle and use such information. You must evaluate and determine whether the product is suitable for your intended application. The foregoing information is provided "AS-IS". In providing this information 3M makes no warranties regarding product use or performance, including any implied warranty of merchantability or fitness for a particular use.



Scotch-Brite™ Disc Indirect Finish Guide By Substrate



	1018 Mild Steel Ra - μin (micron)	304 Stainless Steel Ra - μin (micron)	6061 Aluminum Ra - μin (micron)
Scotch-Brite™ SC Surface Conditioning Disc, S-SFN	n/a	5 – 7 (0.1 – 0.2)	16 – 22 (0.4 – 0.6)
Scotch-Brite™ SC Surface Conditioning Disc, A-VFN	10 – 14 (0.2 – 0.4)	8 – 9 (0.2 – 0.3)	20 – 25 (0.5 – 0.7)
Scotch-Brite™ Precision Surface Conditioning Disc, VFN 	11 – 15 (0.2 – 0.4)	9 – 11 (0.2 – 0.3)	23 – 38 (0.5 – 1.0)
Scotch-Brite™ Precision Surface Conditioning Disc, FIN 	16 – 23 (0.4 – 0.6)	14 – 17 (0.3 – 0.5)	34 – 53 (0.8 – 1.4)
Scotch-Brite™ Precision HD Surface Conditioning Disc, MED (150+) 	16 – 23 (0.4 – 0.6)	16 – 23 (0.4 – 0.6)	45 – 61 (1.1 – 1.6)
Scotch-Brite™ SC Surface Conditioning Disc, A-MED	12 – 17 (0.3 – 0.5)	19 – 23 (0.4 – 0.6)	34 – 45 (0.8 – 1.2)
Scotch-Brite™ Precision Surface Conditioning Disc, MED 	21 – 37 (0.5 – 1.0)	19 – 23 (0.4 – 0.6)	65 – 75 (1.6 – 2.0)
Scotch-Brite™ SC Surface Conditioning Disc, A-CRS	17 – 29 (0.4 – 0.8)	25 – 31 (0.6 – 0.8)	62 – 84 (1.5 – 2.2)
Scotch-Brite™ Precision HD Surface Conditioning Disc, CRS (120+) 	27 – 38 (0.6 – 1.0)	19 – 28 (0.4 – 0.8)	75 – 82 (1.9 – 2.1)
Scotch-Brite™ Precision Surface Conditioning Disc, CRS 	40 – 51 (1.0 – 1.3)	21 – 27 (0.5 – 0.7)	69 – 84 (1.7 – 2.2)
Scotch-Brite™ Precision HD Surface Conditioning Disc, XCRS (80+) 	48 – 60 (1.2 – 1.6)	26 – 38 (0.6 – 1.0)	121 – 137 (3.0 – 3.5)
Scotch-Brite™ Precision Surface Conditioning Disc, XCRS 	51 – 72 (1.2 – 1.9)	36 – 54 (0.9 – 1.4)	121 – 140 (3.0 – 3.6)
Scotch-Brite™ Precision HD Surface Conditioning Disc, XXCRS (60+) 	68 – 79 (1.7 – 2.1)	33 – 55 (0.8 – 1.4)	152 – 177 (3.8 – 4.5)
Generic AO Disc – P320	n/a	7 – 11 (0.1 – 0.3)	23 – 36 (0.5 – 1.0)
Generic AO Disc – P240	n/a	9 – 16 (0.2 – 0.5)	31 – 41 (0.7 – 1.1)
Generic AO Disc – P150	n/a	15 – 20 (0.3 – 0.6)	34 – 45 (0.8 – 1.2)
Generic AO Disc – P120	n/a	43 – 62 (1.0 – 1.6)	38 – 60 (0.9 – 1.6)
Generic AO Disc – P80	n/a	59 – 71 (1.4 – 1.9)	88 – 183 (2.2 – 4.7)

*The information we are furnishing is based on tests performed at 3M laboratory facilities. While we believe that these test results are reliable, their accuracy or completeness is not guaranteed. Your results may vary due to differences in test types and conditions. This information is intended for use by persons with the knowledge and technical skills to analyze, handle and use such information. You must evaluate and determine whether the product is suitable for your intended application. The foregoing information is provided "AS-IS". In providing this information 3M makes no warranties regarding product use or performance, including any implied warranty of merchantability or fitness for a particular use.