



PRECISE • SMOOTH FINISHING • RELIABLE



SAINT-GOBAIN

## DIAMOND LAPPING COMPOUND



**NORTON DIAMOND LAPPING COMPOUND** polishes all materials – hard and soft. Diamond powders are uniformly distributed in a liquid vehicle for aggressive polishing and consistent part quality. Easy-to-use plastic syringe for quick clean-up.

**Applications:** For mould, die, tool polishing to final tolerance of ceramic parts, initial charging of lapping plates and discs, and other processes that require mirror finish and close tolerance performance.

**Syringe size:** 5 and 18 grams syringes.

**Type:** **Water soluble** – when soap and water is used to clean-up.  
**Oil soluble** – when solvent is used for clean-up.

Diamond Compound Application Guide					
Application	Micron Grade	Micron Range	Mesh Size Equivalent	Colour	Concentration
<b>ULTRA FINE</b> Applying finest finishes on metal and ceramics	1/4	0 – 1/2	100,000	Grey	Standard
	1/2	0 – 1	60,000	Light Grey	Standard
	1	0 – 2	14,000	Ivory	Standard
<b>SUPER FINE</b> Final finishing of dies, moulds, seals, most applications (RMS 4 - 12)	3	2 – 4	8,000	Yellow	Standard
	6	4 – 8	3,000	Orange	Standard
	9	8 – 12	1,800	Green	Standard
	12	9 – 15	1,500	Aqua	Standard
<b>FINE FINISHING</b> Preparatory lapping (RMS 12 – 20)	15	12 – 22	1,200	Blue	Standard
	20	15 – 25	800	Auburn	Standard
	30	22 – 36	600	Red	Standard
	45	36 – 45	325	Brown	Standard
	60	54 – 80	230	Purple	Standard

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## DIAMOND LAPPING COMPOUND SELECTION CHART

Water Soluble				
Product #	Micron Grade	Colour	Part #	
<b>5 Gram Syringes</b>				
5PS1/4WSSTD	1/4	Ultra-Fine	Grey	66260300362
5PS1/2WSSTD	1/2	Ultra-Fine	Light Grey	66260300417
5PS1WSSTD	1	Ultra-Fine	Ivory	66260300368
5PS3WSSTD	3	Super Fine	Yellow	66260300367
5PS6WSSTD	6	Super Fine	Orange	66260300372
5PS9WSSTD	9	Super Fine	Green	66260300375
5PS12WSSTD	12	Super Fine	Aqua	66260300376
5PS15WSSTD	15	Fine	Blue	66260300379
5PS20WSSTD	20	Fine	Auburn	66260300381*
5PS30WSSTD	30	Fine	Red	66260300383
5PS45WSSTD	45	Fine	Brown	66260300384
5PS60WSSTD	60	Fine	Purple	66260300388
5PS90WSSTD	90	Fine	Black	66260300389
<b>18 Gram Syringes</b>				
18PS1/4WSSTD	1/4	Ultra-Fine	Grey	66260300392
18PS1/2WSSTD	1/2	Ultra-Fine	Light Grey	66260300394
18PS1WSSTD	1	Ultra-Fine	Ivory	66260300396
18PS3WSSTD	3	Super Fine	Yellow	66260300398
18PS6WSSTD	6	Super Fine	Orange	66260300400
18PS9WSSTD	9	Super Fine	Green	66260300402
18PS12WSSTD	12	Super Fine	Aqua	66260300404*
18PS15WSSTD	15	Fine	Blue	66260300406
18PS20WSSTD	20	Fine	Auburn	66260300408
18PS30WSSTD	30	Fine	Red	66260300410*
18PS45WSSTD	45	Fine	Brown	66260300412*
18PS60WSSTD	60	Fine	Purple	66260300414*
18PS90WSSTD	90	Fine	Black	66260300416*

Oil Soluble				
Product #	Micron Grade	Colour	Part #	
<b>5 Gram Syringes</b>				
5PS1/4OSSTD	1/4	Ultra-Fine	Grey	61463691123*
5PS1/2OSSTD	1/2	Ultra-Fine	Light Grey	62660300363
5PS1OSSTD	1	Ultra-Fine	Ivory	61463691133
5PS3OSSTD	3	Super Fine	Yellow	61463691138
5PS6OSSTD	6	Super Fine	Orange	61463691143
5PS9OSSTD	9	Super Fine	Green	61463691148
5PS12OSSTD	12	Super Fine	Aqua	66260300377*
5PS15OSSTD	15	Fine	Blue	61463691153
5PS20OSSTD	20	Fine	Auburn	66260300380*
5PS30OSSTD	30	Fine	Red	61463691158
5PS45OSSTD	45	Fine	Brown	61463691163
5PS60OSSTD	60	Fine	Purple	66260300386
5PS90OSSTD	90	Fine	Black	66260300390
<b>18 Gram Syringes</b>				
18PS1/4OSSTD	1/4	Ultra-Fine	Grey	66260300391
18PS1/2OSSTD	1/2	Ultra-Fine	Light Grey	66260300393*
18PS1OSSTD	1	Ultra-Fine	Ivory	61463691134*
18PS3OSSTD	3	Super Fine	Yellow	61463691139
18PS6OSSTD	6	Super Fine	Orange	66260300399
18PS9OSSTD	9	Super Fine	Green	61463691149*
18PS12OSSTD	12	Super Fine	Aqua	66260300403*
18PS15OSSTD	15	Fine	Blue	61463691154
18PS20OSSTD	20	Fine	Auburn	66260300407
18PS30OSSTD	30	Fine	Red	66260300409
18PS45OSSTD	45	Fine	Brown	61463691164*
18PS60OSSTD	60	Fine	Purple	66260300413
18PS90OSSTD	90	Fine	Black	66260300415

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