

Ohara Code	Ohara Type	Schott Type	Schott Code
439948	S-FPL55	-	-
439950	S-FPL53	-	-
487702	S-FSL5	N-FK5	487704
487703	S-FSL5Y	-	-
497811	S-FPL51Y	-	-
497816	S-FPL51	N-PK52A	497816
501564	S-FTL10	K10	501564
516641	S-BSL7	N-BK7	517642
516641	S-BSL7R	BK7G18	520636
516643	BSL7Y	-	-
517524	S-NSL36	KF6	517522
518590	S-NSL3	K3	518590
522598	S-NSL5	N-K5	522595
528765	S-FPM4	N-PK51	529770
532489	S-TIL6	N-LLF6	532488
532490	PBL6Y	-	-
538747	S-FPM3	-	-
540595	S-BAL12	N-BAK2	540597
541472	S-TIL2	-	-
548458	S-TIL1	LLF1	548458
548458	PBL1Y	-	-
552708	S-FPM5	-	-
557587	BAL15Y	-	-
564607	S-BAL41	N-SK11	564608
567428	S-TIL26	-	-
567428	PBL26Y	-	-
569563	S-BAL14	N-BAK4	569560
571508	S-BAL2	-	-
571530	S-BAL3	-	-
575415	S-TIL27	LF7	575414
581407	S-TIL25	LF5	581409
581408	PBL25Y	-	-
581409	PBL35Y	-	-
583464	S-BAM3	N-BAF3	583466
583594	S-BAL42	SK12	583595
589612	S-BAL35	N-SK5	589613
589612	S-BAL35R	-	-
589612	BAL35Y	-	-
593353	S-FTM16	TiFN5	594355
595677	S-FPM2	-	-
596387	PBM18Y	-	-
596392	S-TIM8	-	-
596393	PBM8Y	-	-
596394	PBM8R	LF5G19	597399
603380	S-TIM5	F5	603380
603606	BSM51Y	-	-
603607	S-BSM14	N-SK14	603606
603655	S-PHM53	PSK52	603654
606437	S-BAM4	N-BaF4	606437
607568	S-BSM2	N-SK2	607567
613370	S-TIM3	-	-
613443	S-NBM51	N-KZFS4/HT	613445
614550	S-BSM9	-	-
618498	S-BSM28	N-SSK8	618498
618633	S-PHM52Q	-	-
618634	S-PHM52	N-PSK53A	620635
620363	PBM2Y	F2/F2HT	620364
620363	S-TIM2	N-F2	620364
620365	PBM2R	F2G12	621366
620603	S-BSM16	N-SK16	620603
622532	S-BSM22	N-SSK2	622533
622532	S-BSM22R	-	-
623570	S-BSM10	N-SK10	623570
623582	S-BSM15	N-SK15	623580
626357	S-TIM1	-	-

Ohara Code	Ohara Type	Schott Type	Schott Code
639449	S-BAM12	N-KZFS11	638424
639554	S-BSM18	N-SK18	639554
640345	S-TIM27	-	-
640601	S-BSM81	N-LAK21	640601
648338	S-TIM22	N-SF2	648338
649530	S-BSM71	-	-
651562	S-LAL54	N-LAK22	651559
651562	S-LAL54Q	-	-
652585	S-LAL7	N-LAK7	652585
652585	S-LAL7Q	-	-
654397	S-NBH5	N-KZFS5	654396
658509	S-BSM25	N-SSK5	658509
667483	S-BAH11	BaFN11	667484
670393	S-BAH32	BaSF12	670392
670473	S-BAH10	N-BAF10	670471
673321	S-TIM25	N-SF5	673323
673382	S-NBH52	-	-
673383	S-NBH52V	-	-
678507	S-LAL56	-	-
678553	S-LAL12	N-LAK12	678552
678553	S-LAL12Q	-	-
689311	S-TIM28	N-SF8	689313
691548	S-LAL9	N-LAK9	691547
694508	S-LAL58	-	-
694532	S-LAL13	LaKN13	694533
697555	S-LAL14	N-LAK14	697554
699301	S-TIM35	N-SF15	699302
699511	S-LAL20	-	-
700481	S-LAM51	-	-
702412	S-BAH27	N-BASF52	702412
703542	S-LAL21	-	-
713539	S-LAL8	N-LAK8	713538
717295	S-TIH1	N-SF1	717296
717479	S-LAM3	N-LAF3	717480
720347	S-NBH8	N-KZFS8	720347
720420	S-LAM58	-	-
720437	S-LAM52	-	-
720460	S-LAM61	-	-
720502	S-LAL10	N-LAK10	720506
722292	S-TIH18	SF18	722293
723380	S-BAH28	BaSF51	724381
728285	S-TIH10	N-SF10	728285
729541	S-LAL19	-	-
729547	S-LAL18	N-LAK34	729545
734515	S-LAL59	LaK16A	734510
738323	S-NBH53	-	-
738323	S-NBH53V	-	-
740283	S-TIH3	-	-
741278	S-TIH13	-	-
741527	S-LAL61	-	-
741527	S-LAL61Q	-	-
743493	S-LAM60	N-LAF35	743494
744448	S-LAM2	N-LAF2	744449
750353	S-LAM7	N-LAF7	750348
750353	S-NBH51	LAFN7	750350
755275	S-TIH4	N-SF4	755274
755523	S-LAH97	N-LAK33A/B	755523
757478	S-LAM54	LaFN24	757478
762265	S-TIH14	N-SF14	762265
762401	S-LAM55	-	-
764485	S-LAH96	-	-
766358	S-NBH59	-	-
773496	S-LAH66	N-LAF34	773496
778239	S-NPH7	-	-
785257	S-TIH11	N-SF11	785258
785263	S-TIH23	N-SF56A	785261

Ohara Code	Ohara Type	Schott Type	Schott Code
786442	S-LAH51	N-LAF33	784441
788474	S-LAH64	N-LAF21	788475
789284	S-NBH58	-	-
794371	S-LAM73	-	-
800229	S-NBH55	-	-
800422	S-LAH52	N-LAF36	800424
800422	S-LAH52Q	-	-
801350	S-LAM66	N-LASF45	801350
804396	S-LAH63	-	-
804396	S-LAH63Q	-	-
804465	S-LAH65VS	N-LASF44	804465
804466	S-LAH65V	N-LASF44	804465
805254	S-TIH6	N-SF6	805254
806409	S-LAH53	N-LASF43	806406
806409	S-LAH53V	N-LASF43	806406
808228	S-NPH1	-	-
808228	S-NPH1W	-	-
816466	S-LAH59	-	-
834372	S-LAH60	N-LASF40	834373
834372	S-LAH60MQ	-	-
834372	S-LAH60V	N-LASF40	834373
835427	S-LAH55V	N-LASF41	835431
835427	S-LAH55VS	N-LASF41	835431
847238	S-TIH53	N-SF57	847238
847238	S-TIH53W	N-SF57HT ultra	847238
847239	S-NPH53	N-SF57HT	847238
850300	S-NBH57	-	-
850323	S-LAH71	N-LASF9	850322
852408	S-LAH89	-	-
855248	S-NBH56	-	-
859227	S-NPH5	-	-
883408	S-LAH58	N-LASF31A	881408
892371	S-LAH92	-	-
893204	S-NPH4	-	-
904313	S-LAH95	N-LASF46A/46B	904313
905350	S-LAH93	-	-
917316	S-LAH88	-	-
923189	S-NPH2	N-SF66	923209
954323	S-LAH98	-	-
959175	S-NPH3	-	-
963241	S-TIH57	-	-
2001291	S-LAH99	-	-
2001291	S-LAH99W	-	-
2003283	S-LAH79	-	-
539523	NANOCERAM™	Ultra-Strong Glass	
Zero Expansion Glass Ceramic			
546555	ClearCeramZ (CCZ)	ZeroDur	

*Available: IR/UV • Fused Silica • CaF2

- Glass types starting with the prefix of "S-" are environmentally friendly, REACH compliant, and meet the requirements as outlined in the RoHS – Directive 2011/65/EU and (EU) 2015/863.
- One day delivery on most glass types!!!

This list is intended as a cross reference guide between similar glass types. Because optical properties of similar glass types may vary slightly, please consult our catalog before making glass type substitutions.

- Recommended glasses
- i-Line glasses (improved XMT at 365nm)
- Improved XMT at near UV (370 - 390nm)
- Radiation resistant glass

Ohara Glass	Ohara Code	Melt Frequency	Relative Price to S-BSL7
S-BAH10	670473	5	3.5
S-BAH11	667483	4	2.0
S-BAH27	702412	1	2.0
S-BAH28	723380	2	2.0
S-BAH32	670393	X	3.0
S-BAL2	571508	5	2.5
S-BAL3	571530	2	2.0
S-BAL12	540595	4	2.0
S-BAL14	569563	1	2.0
BAL15Y	557587	5	6.0
S-BAL35	589612	1	2.0
S-BAL35R	589610	5	10.0
BAL35Y	589612	5	9.0
S-BAL41	564607	X	2.0
S-BAL42	583594	1	2.0
S-BAM3	583464	X	2.5
S-BAM4	606437	2	2.5
S-BAM12	639449	4	4.0
S-BSL7	516641	1	1.0
S-BSL7R	516641	5	19.0
BSL7Y	516643	2	6.0
S-BSM2	607568	3	3.0
S-BSM9	614550	X	5.0
S-BSM10	623570	1	3.5
S-BSM14	603607	1	2.0
S-BSM15	623582	1	1.5
S-BSM16	620603	3	1.5
S-BSM18	639554	3	2.0
S-BSM22	622532	X	4.5
S-BSM22R	622532	5	20.0
S-BSM25	658509	2	2.0
S-BSM28	618498	2	3.0
BSM51Y	603606	3	15.5
S-BSM71	649530	2	3.0
S-BSM81	640601	4	3.5
ClearCeramZ (CCZ)	546555	1	3.5
S-FPL51	497816	1	7.5
S-FPL51Y	497811	3	28.5
S-FPL53	439950	1	12.0
S-FPL55	439948	1	10.5
S-FPM2	595677	1	7.0
S-FPM3	538747	2	8.0
S-FPM4	528765	2	8.0
S-FPM5	552708	2	7.5
S-FSL5	487702	1	2.0
S-FSL5Y	487703	1	11.0
S-FTL10	501564	X	3.0
S-FTM16	593353	1	3.0
S-LAH51	786442	1	4.5
S-LAH52	800422	2	4.5
S-LAH52Q	800422	2	4.5
S-LAH53	806409	2	5.0
S-LAH53V	806409	2	3.5
S-LAH55V	835427	2	9.0
S-LAH55VS	835427	2	4.5
S-LAH58	883408	1	16.5
S-LAH59	816466	1	12.5
S-LAH60	834372	2	4.5
S-LAH60MQ	834372	2	3.5
S-LAH60V	834372	2	4.0
S-LAH63	804396	5	4.5
S-LAH63Q	804396	5	7.5
S-LAH64	788474	2	8.0
S-LAH65V	804466	4	10.0
S-LAH65VS	804465	1	4.5

Ohara Glass	Ohara Code	Melt Frequency	Relative Price to S-BSL7
S-LAH66	773496	1	6.0
S-LAH71	850323	2	6.0
S-LAH79	2003283	5	46.5
S-LAH88	917316	2	4.5
S-LAH89	852408	1	4.5
S-LAH92	892371	2	4.0
S-LAH93	905350	1	4.0
S-LAH95	904313	1	3.5
S-LAH96	764485	1	4.5
S-LAH97	755523	1	4.5
S-LAH98	954323	2	5.0
S-LAH99	2001291	2	5.0
S-LAH99W	2001291	4	8.0
S-LAL7	652585	X	2.5
S-LAL7Q	652585	2	3.0
S-LAL8	713539	2	3.5
S-LAL9	691548	2	3.0
S-LAL10	720502	1	3.5
S-LAL12	678553	4	2.5
S-LAL12Q	678553	2	3.0
S-LAL13	694532	5	4.0
S-LAL14	697555	1	3.5
S-LAL18	729547	2	8.0
S-LAL19	729541	1	3.0
S-LAL20	699511	2	5.0
S-LAL21	703524	2	5.5
S-LAL54	651562	X	3.0
S-LAL54Q	651562	2	5.5
S-LAL56	678507	X	3.0
S-LAL58	694508	1	2.5
S-LAL59	734515	3	5.0
S-LAL61	741527	2	5.5
S-LAL61Q	741527	5	6.0
S-LAM2	744448	1	3.0
S-LAM3	717479	3	3.0
S-LAM7	750353	4	3.0
S-LAM51	700481	X	3.0
S-LAM52	720437	X	3.0
S-LAM54	757478	5	4.5
S-LAM55	762401	1	3.0
S-LAM58	720420	X	4.0
S-LAM60	743493	1	3.5
S-LAM61	720460	X	3.5
S-LAM66	801350	2	3.5
S-LAM73	794371	2	3.5
NANOCERAM™	539523	3	5.0
S-NBH5	654397	1	4.0
S-NBH8	720347	1	4.5
S-NBH51	750353	1	4.0
S-NBH52	673382	X	15.5
S-NBH52V	673383	1	11.0
S-NBH53	738323	X	13.5
S-NBH53V	738323	1	11.0
S-NBH55	800299	3	3.0
S-NBH56	855248	1	5.0
S-NBH57	850300	3	4.0
S-NBH58	789284	2	6.5
S-NBH59	766358	4	8.0
S-NBM51	613443	1	4.5
S-NPH1	808228	2	8.0
S-NPH1W	808228	2	8.5
S-NPH2	923189	1	9.5
S-NPH3	959175	1	8.5
S-NPH4	893204	2	8.5
S-NPH5	859227	2	7.5

Ohara Glass	Ohara Code	Melt Frequency	Relative Price to S-BSL7
S-NPH7	778239	2	7.0
S-NPH53	847239	X	6.5
S-NSL3	518590	2	2.5
S-NSL5	522598	X	2.0
S-NSL36	517524	1	2.5
PBL1Y	548458	3	6.0
PBL6Y	532490	3	6.5
PBL25Y	581408	3	6.0
PBL26Y	567428	5	6.5
PBL35Y	581409	2	6.5
PBM2Y	620363	4	6.0
PBM2R	620365	5	18.5
PBM8Y	596393	5	6.0
PBM8R	596394	5	19.5
PBM18Y	596387	5	6.5
S-PHM52	618634	1	4.0
S-PHM52Q	618633	2	4.0
S-PHM53	603655	4	4.0
S-TIH1	717295	3	2.5
S-TIH3	740283	3	3.0
S-TIH4	755275	3	3.0
S-TIH6	805254	1	3.0
S-TIH10	728285	1	2.5
S-TIH11	785257	2	3.0
S-TIH13	741278	4	2.5
S-TIH14	762265	1	3.0
S-TIH18	722292	4	2.5
S-TIH23	785263	5	3.0
S-TIH53	847238	1	3.0
S-TIH53W	847238	1	3.5
S-TIH57	963241	2	3.5
S-TIL1	548458	2	3.0
S-TIL2	541472	2	3.0
S-TIL6	532489	2	3.0
S-TIL25	581407	2	3.0
S-TIL26	567428	4	3.0
S-TIL27	575415	2	3.0
S-TIM1	626357	X	2.5
S-TIM2	620363	1	2.5
S-TIM3	613370	X	2.5
S-TIM5	603380	3	2.5
S-TIM8	596392	4	3.0
S-TIM22	648338	5	2.0
S-TIM25	673321	1	2.0
S-TIM27	640345	1	2.5
S-TIM28	689311	1	2.5
S-TIM35	699301	3	3.0

Melt Frequency:

1 - Highest	4 - Low
2 - High	5 - Lowest
3 - Medium	N - New

X - Discontinued
(Not melting, but some stock remains)

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- Recommended glasses
- i-Line glasses (improved XMT at 365nm)
- Improved XMT at near UV (370 - 390nm)
- Radiation resistant glass