




Ohara Code	Ohara Type	Schott Type	Schott Code
439950	S-FPL53	-	-
487702	S-FSL 5	N-FK5	487704
487703	S-FSL5Y	-	-
497816	S-FPL51	N-PK52A	497816
497811	S-FPL51Y	-	-
501564	S-FTL10	K10	501564
516641	S-BSL 7	N-BK7	517642
516643	BSL7Y	-	-
517524	S-NSL36	KF6	517522
518590	S-NSL 3	K3	518590
522598	S-NSL 5	N-K5	522595
532489	S-TIL 6	N-LLF6	532488
532490	PBL6Y	-	-
540595	S-BAL12	N-BaK2	540597
541472	S-TIL 2	-	-
548458	S-TIL 1	N-LLF1	548458
548458	PBL1Y	-	-
557587	BAL15Y	-	-
564607	S-BAL41	N-SK11	564608
567428	S-TIL26	-	-
567428	PBL26Y	-	-
569563	S-BAL14	N-BAK4	569560
571508	S-BAL 2	-	-
571530	S-BAL 3	-	-
573578	S-BAL11	N-BAK1	573575
575415	S-TIL27	LF7	575414
581407	S-TIL25	N-LF5	581409
581408	PBL25Y	-	-
581409	PBL35Y	-	-
583464	S-BAM 3	N-BAF3	583466
583594	S-BAL42	SK12	583595
589612	S-BAL35	N-SK5	589613
589612	BAL35Y	-	-
593353	S-FTM16	TiFN5	594355
595677	S-FPM 2	-	-
596387	PBM18Y	-	-
596392	S-TIM 8	-	-
596393	PBM8Y	-	-
603380	S-TIM 5	F5	603380
603606	BSM51Y	-	-
603607	S-BSM14	N-SK14	603606
603655	S-PHM53	PSK52	603654
606437	S-BAM 4	N-BaF4	606437
607568	S-BSM 2	N-SK2	607567
613370	S-TIM3	-	-
613443	S-NBM51	N-KZFS4	613445
613587	S-BSM 4	N-SK4	613586
614550	S-BSM 9	-	-
618498	S-BSM28	N-SSK8	618498
618634	S-PHM52	N-PSK53	620635
620363	PBM 2Y	F2	620364
620363	S-TIM 2	N-F2	620364
620603	S-BSM16	N-SK16	620603

Ohara Code	Ohara Type	Schott Type	Schott Code
622532	S-BSM22	N-SSK2	622533
623570	S-BSM10	N-SK10	623570
623582	S-BSM15	N-SK15	623580
626357	S-TIM 1	-	-
639449	S-BAM12	N-KZFS11	638424
639554	S-BSM18	N-SK18	639554
640345	S-TIM27	-	-
640601	S-BSM81	N-LAK21	640601
643584	S-BSM36	LaKN6	642580
648338	S-TIM22	SF2	648338
649530	S-BSM71	-	-
651562	S-LAL54	N-LAK22	651559
652585	S-LAL 7	N-LAK7	652585
654397	S-NBH5	KZFSN5	654396
658509	S-BSM25	N-SSK5	658509
658573	S-LAL11	LaK11	658573
667330	S-TIM39	N-SF19	667331
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	-	-
678507	S-LAL56	-	-
678553	S-LAL12	N-LAK12	678552
689311	S-TIM28	N-SF8	689313
691548	S-LAL 9	N-LAK9	691547
694508	S-LAL58	-	-
694532	S-LAL13	LaKN13	694533
697485	S-LAM59	-	-
697555	S-LAL14	N-LAK14	697554
699301	S-TIM35	N-SF15	699302
700481	S-LAM51	-	-
702412	S-BAH27	N-BASF52	702412
713539	S-LAL 8	N-LAK8	713538
717295	S-TIH1	N-SF1	717296
717479	S-LAM 3	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	-	-
723380	S-BAH28	BaSF51	724381
728285	S-TIH10	N-SF10	728285
729547	S-LAL18	N-LAK34	729545
734515	S-LAL59	LaK16A	734518
738323	S-NBH53	-	-
740283	S-TIH3	-	-
741278	S-TIH13	-	-
741527	S-LAL61	-	-
743493	S-LAM60	N-LAF35	743494
744448	S-LAM 2	N-LAF2	744449
750353	S-LAM 7	N-LAF7	750350

Ohara Code	Ohara Type	Schott Type	Schott Code
750353	S-NBH51	-	-
755275	S-TIH 4	N-SF4	755274
755523	S-YGH51	N-LAK33A	754523
757478	S-LAM54	LaFN24	757478
762265	S-TIH14	SF14	762265
762401	S-LAM55	-	-
773496	S-LAH66	N-LAF34	773496
785257	S-TIH11	N-SF11	785258
785263	S-TIH23	N-SF56	785261
786442	S-LAH51	N-LAF33	784441
788474	S-LAH64	N-LAF21	788475
800229	S-NBH55	-	-
800422	S-LAH52	N-LAF36	800424
801350	S-LAM66	N-LASF45	801350
804396	S-LAH63	-	-
804466	S-LAH65	N-LASF44	804465
804466	S-LAH65V	N-LASF44	804465
805254	S-TIH6	N-SF6	805254
806409	S-LAH53	N-LASF43	806406
808228	S-NPH 1	-	-
816466	S-LAH59	-	-
834372	S-LAH60	N-LASF40	834373
835427	S-LAH55	N-LASF41	835431
835427	S-LAH55V	N-LASF41	835431
841246	PBH56	-	-
847238	S-TIH53	N-SF57	847238
847239	S-NPH53	N-SF57HT	847238
850323	S-LAH71	LaSFN9	850322
883408	S-LAH58	N-LASF31	881410
923189	S-NPH 2	-	-
923213	PBH71	SF66	923209
959175	S-NPH 3	-	-
1003283	S-LAH79	-	-
<b>Zero Expansion Glass Ceramic</b>			
<b>ClearCeramZ (CCZ)</b>		Zerodur	
* Now offering:			
• IR Materials • Fused Silica • CaF <sub>2</sub>			
• Glass types starting with the prefix of "S-" are environmentally friendly and meet the requirements as outlined in the Restriction on Hazardous Substances (RoHS/WEEE - Directive)			
• 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 - 420 nm)			

Ohara Glass	Ohara Code	Melt Frequency	Relative Price to S-BSL7
S-BAH10	670473	2	2.5
S-BAH11	667483	3	2.5
S-BAH27	702412	1	2.5
S-BAH28	723380	2	2.5
S-BAH32	670393	5	3.0
S-BAL 2	571508	5	3.5
S-BAL 3	571530	3	3.5
S-BAL11	573578	5	2.5
S-BAL12	540595	4	2.5
S-BAL14	569563	1	2.5
BAL15Y	557587	5	9.0
S-BAL35	589612	1	2.5
BAL35Y	589612	5	13.0
S-BAL41	564607	2	2.5
S-BAL42	583594	1	2.5
S-BAM 3	583464	4	2.5
S-BAM 4	606437	4	3.0
S-BAM12	639449	4	3.0
S-BSL 7	516641	1	1.0
BSL7Y	516643	2	9.0
S-BSM 2	607568	4	2.5
S-BSM 4	613587	2	2.5
S-BSM 9	614550	5	2.5
S-BSM10	623570	4	2.5
S-BSM14	603607	1	2.5
S-BSM15	623582	1	2.5
S-BSM16	620603	1	2.5
S-BSM18	639554	2	2.5
S-BSM22	622532	4	2.5
S-BSM25	658509	2	2.5
S-BSM28	618498	4	4.5
S-BSM36	643584	X	3.5
BSM51Y	603606	3	23.0
S-BSM71	649530	4	3.0
S-BSM81	640601	1	4.0
S-FPL51	497816	1	11.0
S-FPL51Y	497811	5	42.5
S-FPL52	456903	X	14.5
S-FPL53	439950	1	18.0
S-FPM 2	595677	5	11.5
S-FSL 5	487702	1	3.0
S-FSL5Y	487703	1	16.0
S-FTL10	501564	5	4.5
S-FTM16	593353	4	3.0
S-LAH51	786442	2	10.0
S-LAH52	800422	2	10.0
S-LAH53	806409	1	10.5
S-LAH55	835427	1	23.5
S-LAH55V	835427	1	17.0
S-LAH58	883408	1	37.5
S-LAH59	816466	1	27.0
S-LAH60	834372	1	9.0
S-LAH63	804396	2	10.0

Ohara Glass	Ohara Code	Melt Frequency	Relative Price to S-BSL7
S-LAH64	788474	2	20.0
S-LAH65	804466	1	25.5
S-LAH65V	804466	1	19.5
S-LAH66	773496	1	12.0
S-LAH71	850323	3	11.0
S-LAH79	1003283	2	78.0
S-LAL 7	652585	2	5.5
S-LAL 8	713539	1	6.5
S-LAL 9	691548	2	7.0
S-LAL10	720502	1	6.5
S-LAL11	658573	X	4.0
S-LAL12	678553	2	5.0
S-LAL13	694532	2	7.0
S-LAL14	697555	1	7.0
S-LAL18	729547	1	13.5
S-LAL54	651562	2	4.5
S-LAL56	678507	4	5.0
S-LAL58	694508	5	4.5
S-LAL59	734515	2	10.0
S-LAL61	741527	2	11.0
S-LAM 2	744448	1	6.0
S-LAM 3	717479	2	6.0
S-LAM 7	750353	2	4.5
S-LAM51	700481	5	6.0
S-LAM52	720437	4	5.0
S-LAM54	757478	2	10.0
S-LAM55	762401	2	6.0
S-LAM58	720420	4	5.0
S-LAM59	697485	4	6.0
S-LAM60	743493	1	7.0
S-LAM61	720460	4	6.5
S-LAM66	801350	1	6.0
S-NBH 5	654397	1	6.5
S-NBH 8	720347	2	7.0
S-NBH51	750353	1	6.5
S-NBH52	673382	3	11.0
S-NBH53	738323	3	13.0
S-NBH55	800299	3	3.5
S-NBM51	613443	2	7.0
S-NPH 1	808228	1	12.5
S-NPH 2	923189	1	14.0
S-NPH 3	959175	5	13.0
S-NPH53	847239	4	10.0
S-NSL 3	518590	3	3.0
S-NSL 5	522598	5	3.0
S-NSL36	517524	1	3.0
PBH56	841246	5	3.5
PBH71	923213	X	2.5
PBL1Y	548458	5	9.0
PBL6Y	532490	2	9.0
PBL25Y	581408	1	9.0
PBL26Y	567428	5	10.0
PBL35Y	581409	4	11.5

Ohara Glass	Ohara Code	Melt Frequency	Relative Price to S-BSL7
PBM 2Y	620363	1	9.0
PBM8Y	596393	2	9.0
PBM18Y	596387	2	10.0
S-PHM52	618634	1	5.5
S-PHM53	603655	2	6.0
S-TIH 1	717295	2	4.0
S-TIH 3	740283	2	4.0
S-TIH 4	755275	2	4.0
S-TIH 6	805254	1	3.5
S-TIH10	728285	2	3.5
S-TIH11	785257	1	4.0
S-TIH13	741278	2	4.0
S-TIH14	762265	1	4.0
S-TIH18	722292	3	3.5
S-TIH23	785263	3	4.5
S-TIH53	847238	1	5.0
S-TIL 1	548458	3	3.0
S-TIL 2	541472	3	3.5
S-TIL 6	532489	3	3.0
S-TIL25	581407	4	3.5
S-TIL26	567428	4	3.0
S-TIL27	575415	4	4.0
S-TIM 1	626357	2	3.0
S-TIM 2	620363	1	3.0
S-TIM 3	613370	2	3.0
S-TIM 5	603380	2	3.0
S-TIM 8	596392	2	3.5
S-TIM22	648338	1	2.5
S-TIM25	673321	2	2.5
S-TIM27	640345	1	3.0
S-TIM28	689311	1	3.5
S-TIM35	699301	1	4.0
S-TIM39	667330	2	3.5
S-YGH51	755523	2	19.0

**Melt Frequency:**

- 1 - Highest
- 2 - High
- 3 - Medium
- 4 - Low
- 5 - Lowest
- 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 - 420 nm)