



Fusion Fluxes for XRF and ICP applications are available from **SCP SCIENCE**. With a high bulk density of 1.4 g/cm³, compared to other fluxes some as low as 0.5 g/cm³, crucible volume is dramatically reduced and the risk of overflowing during agitation is eliminated. **SCP SCIENCE** fluxes are supplied dust free, in homogeneous spherical vitreous particles with less than 0.05% moisture. This combination of physical characteristics contributes to ease of use and improved analytical accuracy.

ELIMINATE OVERFLOWING RISKS:

High bulk density of 1.4 g/cm³

OFFER HIGHER ANALYTICAL ACCURACY:

Spherical (<500 um) and Vitreous Particles

COMPLETE WITH A DETAILED CERTIFICATE OF ANALYSIS:

(99.99% and 99.999% pure), Lot Number, and the concentration of analytes determined by ICP-AES

FUSION FLUX

PURE GRADE - For fusions for samples analysis by XRF

Description	Grade	Quantity	Catalog Number
Lithium Metaborate (LiM)	PURE	1 kg	040-060-100
Lithium Tetraborate (LiT)	PURE	1 kg	040-060-200
LiT/LiM/LiBr 49.75/49.75/0.50	PURE	1 kg	040-060-249
LiT/LiM 50/50	PURE	1 kg	040-060-250
LiT/LiM/LiBr 66.67/32.83/0.50	PURE	1 kg	040-060-266
LiT/LiM 67/33	PURE	1 kg	040-060-267
LiT/LiM/LiI 66.67/32.83/0.50	PURE	1 kg	040-060-268
LiT/LiM 35/65	PURE	1 kg	040-060-334
LiT/LiBr 99.50/0.50	PURE	1 kg	040-060-338
Lithium Metaborate (LiM) Powder Flux	PURE	500 g	040-060-103
Lithium Tetraborate (LiT)	PURE	500 g	040-060-202
LiT/LiF 90/10	PURE	500 g	040-060-270
LiT/LiM/LiBr 34.83/64.67/0.50	PURE	1 kg	040-060-271
LiM/LiBr 98.50/1.50	PURE	1 kg	040-060-333

ULTRA PURE GRADE - For fusion for sample analysis by ICP or AA

Lithium Metaborate (LiM)	ULTRA PURE	1 kg	040-060-102
Lithium Tetraborate (LiT)	ULTRA PURE	1 kg	040-060-205
LiT/LiM 35/65	ULTRA PURE	1 kg	040-060-336
LiT/LiM 50/50	ULTRA PURE	1 kg	040-060-252
LiT/LiCarb 90/10	ULTRA PURE	1 kg	040-060-255
LiT/LiM/LiBr 49.75/49.75/0.50	ULTRA PURE	1 kg	040-060-331
LiM/LiBr 98.50/1.50	ULTRA PURE	1 kg	040-060-339
LiCO ₃	ULTRA PURE	500 g	040-060-340

SCP SCIENCE

Fluxes are available in two purity levels and come with valuable information for the XRF Spectroscopist. Each 1 kg container is supplied with a comprehensive Certificate of Analysis detailing actual lot analysis of up to 30 potential impurities determined by ICP - AES, granulometry, loss on ignition and apparent density. For more information or for Custom Blends, please contact your **SCP SCIENCE** Sales Representative or distributor.

ORDER ONLINE AT:

www.scpscience.com



ADDITIVES & ACCESSORIES

Description	Grade	Quantity	Catalog Number
Scoop for flux, 2g capacity	---	---	040-060-364
Lithium Nitrate	---	500 g	040-060-269
Lithium Bromide	Non Wetting Agent	15 ml	040-060-330
Lithium Fluoride	Crystals	250 g	040-060-332
Sodium Carbonate	---	500 g	040-060-342

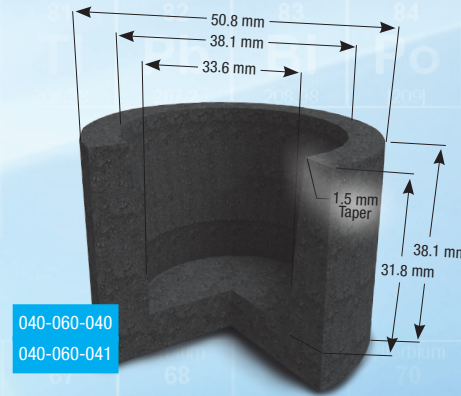
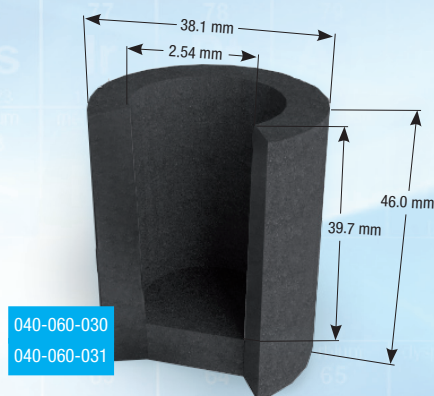
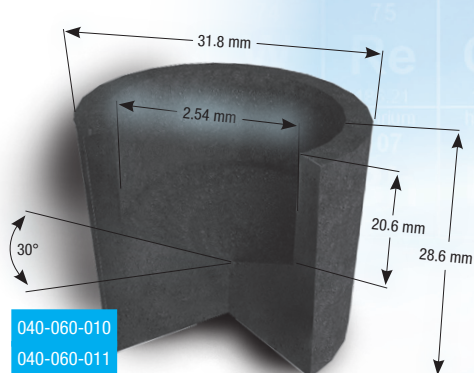
GRAPHITE FUSION CRUCIBLE REQUEST

GRAPHITE FUSION CRUCIBLES



SCP SCIENCE graphite fusion crucibles are cost effective alternative to platinum/gold and zirconium crucibles. **SCP SCIENCE** crucibles will not react with samples during fusion as they are both chemically inert and heat resistant. The low cost of these crucibles allows them to be disposed of, eliminating both the need for time consuming cleaning procedures and eliminating the possibility of cross sample contamination.

Available in both an economical regular purity grade for most fusions, and a high purity grade for trace level analysis.



ORDERING INFORMATION

CATALOGUE #	DESCRIPTION
040-060-010	Crucible, Graphite, 9ml (100)
040-060-013	Lid for 040-060-010 (10)
040-060-011	Crucible, Graphite, 9ml, High Purity (10)
040-060-012	Lid for 040-060-011 (10)
040-060-015	Crucible, Graphite, 9ml, High Purity (100)
040-060-020	Crucible, Graphite, Cylindrical
040-060-022	Lid for 040-060-020 (100)
040-060-030	Crucible, Graphite, 20ml (10)
040-060-032	Lid for 040-060-030 (10)
040-060-031	Crucible, Graphite High Purity 20ml

CATALOGUE #	DESCRIPTION
040-060-033	Lid for 040-060-031 (10)
040-060-040	Graphite Fus/Cast. Reg. (10)
040-060-042	Lid for 040-060-040 (100)
040-060-044	Lid for 040-060-040 (ea)
040-060-041	Graphite Fusion/Cast. High Purity (10)
040-060-043	Lid for 040-060-041 (100)
040-060-050	Crucible, Graphite
040-060-052	Crucible, Graphite, High Purity
040-060-060	Crucible, Casting (Raw Graphite)
040-060-031	Crucible, Graphite, 20ml, High Purity (10)

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