

SunGuard

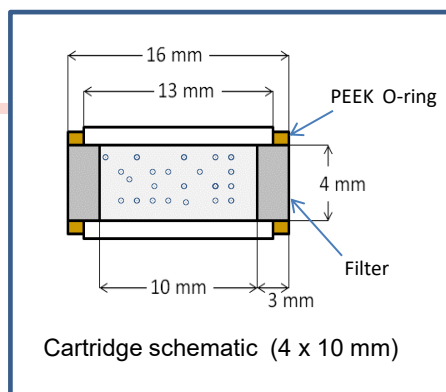
series

Guard for general analytical use (4.6 mm i.d. columns)

SunGuard™

- ◆ A simple, robust cartridge design.
- ◆ Cost-effective and suitable for general use.
- ◆ Compatible with standard analytical columns with a 4.6 mm i.d.

Connection components are not included. Please use standard HPLC fittings or the coupler (shown on the reverse side).



Guard for low-volume, high-speed use (2 – 3 mm i.d. columns)

SunGuard Ultra™

- ◆ The minimized internal volume design preserves peak shape, even when used with short columns.
 - ◆ Designed for low-volume (2.0–3.0 mm i.d.) and high-throughput analytical columns. (including SunShell, Prominert, and others).
- Starter kit (including coupler) available.



Guard for preparative use (10 – 20 mm i.d. columns)

SunGuard Prep™

- ◆ A simple, robust design that is cost-effective and suitable for general-purpose use.
- ◆ Compatible with semi-preparative and preparative columns with 10–20 mm i.d.

Multiple starter kits are available to suit different preparative guard column configurations (wrench option and tubing length).



The new alkali-resistant, high-durability packing material SunBridge is now available across the SunGuard lineup.



Product lineup

Packing material codes for SunGuard / SunGuard Prep ("□□" in the part number)

Sunniest C18	EB	Sunniest Biphenyl	E8	Sunrise C30 (C28)	SM	SunArmor NH2	HN
Sunniest C8	EC	Sunniest PFP	EF			SunBridge C18 <small>NEW</small>	JB
Sunniest RP-AQUA	ER	Sunniest PFP&C18	EV	SunArmor C18	HB	SunBridge PFP-R <small>NEW</small>	JV
Sunniest PhE (Phenyl)	EP	Sunniest Silica	ES	SunArmor RP-AQUA	HR		

SunGuard : Guard for general analytical use (4.6 mm i.d. columns)

Product Name	Particle Size	Packing Material Code	Part Number
Guard cartridge assembly (holder + 1 cartridge), 4 × 10 mm	5 μm	HB, HR, HN, JB, JV	□□3A1H
Replacement guard cartridges (set of 4), 4 × 10 mm, for SunArmor / SunBridge	//	//	□□3A1C
Guard cartridge assembly (holder + 1 cartridge), 4 × 10 mm	5 μm	Codes not listed above	□□3A1H
Replacement guard cartridges (set of 4), 4 × 10 mm, for Sunniest / Sunrise	//	//	□□3A1C
SunGuard guard cartridge holder, 4 × 10 mm	---	---	HOLA1C

SunGuard (standard model) is supplied without a coupler. A suitable coupler can be selected from the SunGuard Ultra accessories (*). Replacement ferrules are available separately.

SunGuard Ultra : Guard for low-volume, high-speed use (2 – 3 mm i.d. columns)

Product Name	Part Number
SunShell RP guard cartridge column starter kit (holder, two 2 x 3 mm cartridges, two couplers)	CB32CK
SunShell RP replacement guard cartridges (set of 2), 2 × 3 mm	CB32CC
SunBridge RP guard cartridge column starter kit (holder, two 2 x 3 mm cartridges, two couplers)	JB32CK
SunBridge RP replacement guard cartridges (set of 2), 2 × 3 mm	JB32CC
SunShell S guard cartridge column starter kit (holder, two 2 x 3 mm cartridges, two couplers)	CS32CK
SunShell S replacement guard cartridges (set of 2), 2 × 3 mm	CS32CC
SunGuard Ultra guard cartridge holder, 2 × 3 mm	HOL2CC
*Coupler for SunGuard / SunGuard Ultra: SS tubing (1/16" O.D., 0.13 x 50 mm) 1 pc; PEEK nuts and ferrules, 2 pcs each ^①	PCO50KN
Replacement ferrules for SunGuard / SunGuard Ultra couplers: PEEK, set of 10 ^②	PF192X

Note: Use **SunGuard Ultra** for ArmorShell, SunShell, and Prominert columns regardless of i.d. "RP" is for reversed-phase columns; "S" is a universal guard column type for HILIC columns.

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SunGuard Prep : Guard for preparative use (10 – 20 mm i.d. columns)

Product Name	Particle size	Tubing length	Part Number
SunGuard Prep Preparative guard cartridge column starter kit(holder, one 10 x 10 mm cartridge, no wrench included) Specifications of tubing supplied with coupler: 1/16" O.D., 0.8 mm I.D., length as shown on the right	5 μm	50 mm	□□371K1
		100 mm	□□371K2
		150 mm	□□371K3
SunGuard Prep Preparative guard cartridge column starter kit(holder, one 10 x 10 mm cartridge, a set of two wrenches included) Specifications of tubing supplied with coupler: 1/16" O.D., 0.8 mm I.D., length as shown on the right	5 μm	50 mm	□□371K1S
		100 mm	□□371K2S
		150 mm	□□371K3S
SunGuard Prep replacement guard cartridges (set of 2), 10 x 10 mm	5 μm	---	□□371C
SunGuard Prep preparative guard cartridge holder, 10 × 10 mm	---	---	HOL71C

Note: For first-time use of **SunGuard Ultra** or **SunGuard Prep**, we recommend selecting a **starter kit that includes a complete set of connection components**.

Specifications and appearance are subject to change without notice.



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