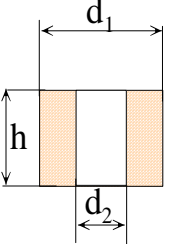
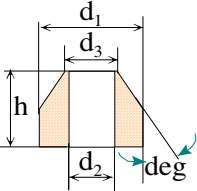
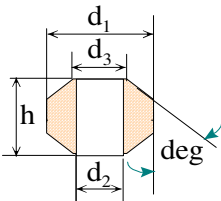


# High-Temperature Electrically Insulating Packing Seals

High **Sealability** and high **Voltage** ratings over wider **Temperature** ranges

Suitable for steam, liquid and gas environments

	Order ID	d <sub>1</sub> Size inch	d <sub>2</sub> Size inch	d <sub>3</sub> Size inch	h Size inch	deg (deg)	Upper Pressure* psi (atm)	Sealability Helium Leakage+ cc/sec	Temperature Range °F (°C)
 <p>Type A</p>	<b>Type A Packing Ring</b>								
	<b>S-d1-d2-h-A-Q</b>	1/8 to 1" (3 to 25 mm)	1/16 to 3/4 (1.6 to 20 mm)	N/A	1/16 to 3/4 (1.6 to 20 mm)	N/A	1500 to 15000 psi ( 170 to 1700 atm)	<2x10 <sup>-8</sup>	-300 to +650°F (-184 to 343°C)
	<b>Type B Packing Ring</b>								
 <p>Type B</p>	<b>S-d1-d2-d3- h-deg-B-Q</b>	1/8 to 1" (3 to 25 mm)	1/16 to 3/4 (1.6 to 20 mm)	1/16 to 3/4 (1.6 to 20 mm)	1/16 to 3/4 (1.6 to 20 mm)	5 to 85°	1500 to 15000 psi ( 170 to 1700 atm)	<2x10 <sup>-8</sup>	-300 to +650°F (-184 to 343°C)
	<b>Type C Packing Ring</b>								
 <p>Type C</p>	<b>S-d1-d2-d3- h-deg-C-Q</b>	1/8 to 1" (3 to 25 mm)	1/16 to 3/4 (1.6 to 20 mm)	1/16 to 3/4 (1.6 to 20 mm)	1/16 to 3/4 (1.6 to 20 mm)	5 to 85°	1500 to 15000 psi ( 170 to 1700 atm)	<2x10 <sup>-8</sup>	-300 to +650°F (-184 to 343°C)

\* Pressure ratings depend on d<sub>1</sub> and d<sub>2</sub> size

+ Determined at room temperature.

### Ordering Codes:

**d1, d2, d3 - diameters**  
in inch, gauge, or mm

**h-height**  
in inch, gauge,  
or mm

**deg-angle**  
in degree

**A, B, C- Types**  
see drawings

**Q-Queon™ Material**  
Other materials  
available:

T, PTFE<sup>#</sup> (up to 210°C)  
P, PEEK<sup>##</sup> (up to 210°C)  
G, Grafoil<sup>®</sup> (conducting)  
L, Lava (slightly leaking  
to gases)

### Example:

S-5.5mm-3.3mm-3.5mm-A-Q

d1=5.5 mm, d2=3.3mm, h=3.5 mm, type A, Queon seal (d1 is electrode or valve stem diameter)

S-0.25"-0.062"-0.20"-0.20"-30-C-Q

d1=1/4", d2=0.062", d3=0.20", h=0.20", 30 degree, type C, Queon seal

S-0.25"-0.062"-0.20"-0.20"-30-C-Q

d1=1/4", d2=0.062", d3=0.20", h=0.20", 30 degree, type C, Queon seal (d1 electrode or valve stem diameter)

<sup>™</sup> Queon--Trademark of Corr Instruments

<sup>#</sup> PTFE--Polytetrafluoroethylene

<sup>##</sup> PEEK--Polyetheretherketone

<sup>®</sup> Grafoil--Registered trademark of UCAR Carbon Company