

# KNITSHIELD | Knitted Mesh KR Shielding

KR Shielding compressed mesh washers, gaskets and seals utilise knitted mesh formed under pressure into resilient high density profiles.

## Applications:

Compressed knitted mesh profiles are used as gland rings, grounding buttons, magnetron seals and numerous other applications where a high density mesh is required.

Each application will be individual and related to the specific and mechanical properties of the gasket so please contact us to discuss your requirements.

## Specifications:

Monel	- BS3075 – NA13	(0.11mm diameter)
Aluminium 5056	- AMS 4182	(0.13mm diameter)
TCS	- ASTM B520	(0.11mm diameter)
Stainless Steel	- Alloy 304	(0.11mm diameter)



## Performance: Typical Attenuation dB

FREQUENCY	FIELD	MONEL	ALUMINIUM	TCS	S/STEEL
10KHz	H	45	40	60	40
100KHz	H	49	45	65	44
1MHz	H	60	60	85	58
1MHz	E	125	125	125	125
10MHz	E	120	120	120	120
100MHz	E	100	100	108	100
400MHz	P	98	95	99	94
1GHz	P	85	76	78	76
10GHz	P	80	65	62	60

## Tolerances:

± 0.5mm on width

## How to order:

Specify series KR, wire type and describe your component by its outside and inside diameters plus thickness (if an 'o' ring) or by means of a drawing if a formed gasket or profile section.

### Example:

KR-S-50-0254-0159-0032 is a Stainless Steel washer 25.4 x 15.9 x 3.2mm

For further details on how to specify, please contact us.

SERIES	WIRE CODE	STYLE	SIZE (or) DRAWING NO.
KR	M=Monel A=Aluminium T=TCS S=Stainless Steel	50 (ring)	xxxx-xxxx (or) xxxx-xxxx



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