

# MONEL OR ALUMINUM WIRE EMBEDDED IN SILICONE - PICSEAL

PICSEAL is a composite material comprising a silicone elastomer or a fluorosilicone for applications requiring resistance to hydraulic fluids. PICSEAL contains oriented metal wires ensuring electrical continuity between the two mating surface.

This product is available in sheet form, or as cut connector seals or to plan, square or rectangular section seals, in different hardnesses and with different wire types.

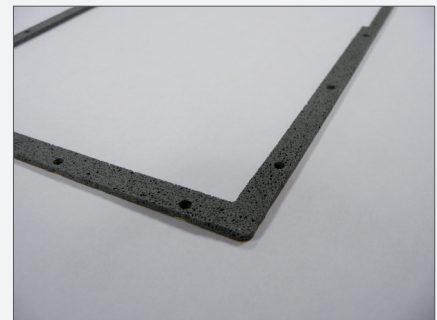
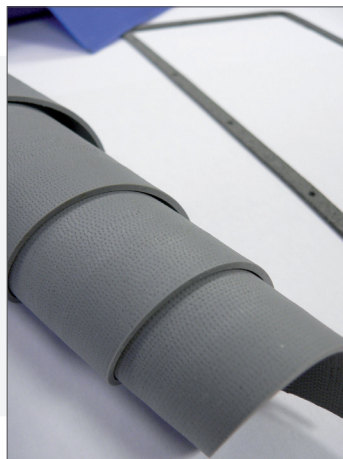
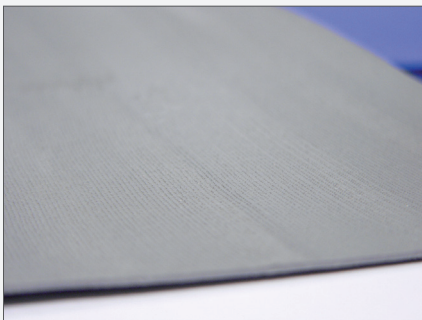
They can be pre-applied with adhesive to order.

Seals made using these materials, whether die-cut or glued to plan, ensure electrical continuity while at the same time providing sealing and good salt fog resistance.

CHARACTERISTICS	
Number of wires/cm <sup>2</sup>	100 to 150
Working temperature	-65°C to +200°C
Silicone or closed cell foam hardness	25 or 40 or 60 shore A
Metal wires	Monel / TCS / Aluminum
Compression	Minimum 10% - maximum 30%
Attenuation	100dB to 10MHz

## Formats

Sheets available in thicknesses : 0.8mm ; 1.1mm ; 1.6mm ; 2.4mm ; 3.2mm ; 4.8mm.  
Contact us for pre-cu gaskets.



Reference	Description	Hardness shore A
PS 35 – MO	Monel in silicone	40
PS 35 – AL	Aluminum in silicone	40
PS 25 – MO	Monel in sponge silicone	25
PS 25 – AL	Aluminum in sponge silicone	25
PS 35 F – MO	Monel in fluorosilicone	60
PS 35 F – AL	Aluminum in fluorosilicone	60

Thicknesses	Widths			
	3.2 mm	4.8 mm	6.4 mm	9.5 mm
1.6 mm	Réf. 16-032	Réf. 16-048	Réf. 16-064	Réf. 16-095
3.2 mm	Réf. 32-032	Réf. 32-048	Réf. 32-064	Réf. 32-095
4.8 mm	Réf. 48-032	Réf. 48-048	Réf. 48-064	Réf. 48-095
6.4 mm	Réf. 64-032	Réf. 64-048	Réf. 64-064	Réf. 64-095
8.0 mm	Réf. 80-032	Réf. 80-048	Réf. 80-064	Réf. 80-095

Other sizes are available on request. Contact us for further information.

To order, please us the following example :  
Monel in silicone sponge of thickness 1.6 mm x 3.2 mm

The reference is PS25-16-032-MO  
Add the suffix A if an adhesive is required on the back :  
PS25-16-032-MO-A