



Fingerstrip Gaskets Technical Data

Material Specification

Chemical Composition

Beryllium Copper	Alloy 25
Beryllium	1.8-2.0 %
Cobalt plus Nickel	0.2 % min
Cobalt plus Nickel Iron	0.6 % max
Copper	Balance

Mechanical and Electrical properties

Tensile strength	185-215 Ksi
Yield strength	160-195 Ksi
Fatigue strength	42-47 10[8] Ksi
Hardness	Rockwell c38-44
Electrical Conductivity	22-28% IACS

Pressure Sensitive adhesive

3M Acrylic adhesive	A-25 9485
Cure time	48 hours
Resistance to solvents	High
Service temperature range	-30°C - 150°C

Shielding Effectiveness

Typical at 1GHz – dependent on gasket	80 dB - 110 dB
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