PRODUCT PAGE

Material:	PC94

Overview:

It is non-siloxane and oil-bleed, ultra-soft with excellent elongation, provides electrical insulation, and features very low thermal impedance.

Description:

Designed for a wide range of applications, including 5G, aerospace, AI, AIoT, AR/VR/MR/XR, automotive, consumer devices, datacom, electric vehicles, electronic products, energy storage, industrial use, lighting equipment, medical devices, military, netcom, panels, power electronics, robotics, servers, smart homes, and telecom.

Parameters:

Characteristics	Units	Value	Test Method
Type		Non-silicone	
Thickness	mm	4	ASTM D374
Thermal Conductivity	W/mK	4.2	ASTM D5470
Hardness	Shore0	50	ASTM D2240
Color		Red	Visual
Flame Rating	UL 94	V-1	UL 94
Operating Temperature	°C	-30 - 125	Test method operating

Warranty:

Technical data

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Use of the product

Many factors beyond the control of PERLON, spol. s r.o. and known only to the user may affect the use and performance of materials in a particular application. Therefore, we recommend that the customer perform their own tests of the suitability and performance of the material for their application and to a responsible extent for reliable results. As a result, the customer is solely responsible for evaluating the product and determining if it is suitable for the customer's application, including evaluating workplace hazards and reviewing all applicable regulations and standards. Failure to properly evaluate, use, or comply with all applicable safety regulations may result in injury, illness, death, and/or property damage if the material and associated safety is not properly evaluated. PERLON, spol. s r.o. makes no warranties of fitness for a particular purpose.

Limitation of liability

PERLON, spol. s r.o. shall not be liable for any loss or damage arising out of or relating to the product material, whether direct, indirect, special, incidental or consequential (including, but not limited to, loss of products or business), regardless of the applicable legal practice, including but not limited to warranty, contract, negligence or strict liability.