

Material:	TFLEX 680		
Overview:			
Tflex 600 is an exceptionally soft, highly compliant gap filling interface pad with a thermal conductivity of 3 W/mK. These outstanding properties are the result of a proprietary boron nitride filler in the composition. The high conductivity, in combination with extreme softness produces incredibly low thermal resistances.			
Description:			
Tflex 600 is naturally tacky and requires no additional adhesive coating that can inhibit thermal performance. Tflex 600 is electrically insulating, stable from −45°C to 200°C and meets UL 94 V0 rating.			
Parameters:			
Characteristics	Units	Value	Test Method
Series	s	600	
Type		Silicone	
Thickness	mm	2.03	ASTM D374
Thermal Conductivity	W/mK	3	ASTM D5470
Hardness	Shore0	51	ASTM D2240
Color		Blue-Viloet	Visual
Flame Rating	UL 94	V-0	UL 94
Operating Temperature	°C	-45 - 200	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.

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