

RX® PP layerpads

innovation for your sterilisation process!



Advantages:

- Longer lifetime thanks to higher HDT
- Increased rigidity with higher temperatures
- CNC-made holes: no burrs or permanent distortion with die-cutting
- Possibility to obtain with 1 structured side, preventing sticking together of the sheets when loaded automatically
- FDA-compliant: suitable for direct contact with foodstuffs
- Thickness: 1 - 5 mm
- Max. width: 1500 mm

In order to offer our customers a solution for the restricted resistance to sterilisation cycles, ERIKS has developed 2 special types of materials:

- RX® PPH-0: special granulated polypropylene with improved mechanical properties
- RX® PPH-2: polypropylene with 30% talcum for 130°C

Properties	Test Methode	RX® PPH-2	RX® PPH-0	RX® PPH	Unit
Density	ISO 1183	1,09	0,91	0,91	g/cm ³
Flexural Modulus (23°C)	ISO 178	2800	2200	1150	MPa
Tensile Strength	ISO 527	40	40	32	MPa
Impact Strength	ISO 179-1	1,85	2,6	7	KJ/m ²
Hardness	ISO 868	80	80	70	Shore D
Vicat Softening Temp.	ISO 306/A	160	160	90	°C
HDT at 0,45 MPa	ISO 75/B	140	130	86	°C
HDT at 1,8 MPa	ISO 75/A	110	81	53	°C
FDA		Yes	Yes	Yes	compliance

