

HEROFLON VIRGIN PTFE



Selected and qualified raw materials, treated according to our high quality standards, particularly suitable for compression molding, sintering and RAM extrusion. Virgin products are **available in different flowing grades and density ratings**. These products have a **wide range of applications** in the hydraulic, mechanical, automotive, chemical, aerospace, aeronautic, electronic, health and medical, building, moulding, compounding, oil and grease lubrication fields.

MAIN PROPERTIES OF PTFE

- ✓ Wide service temperature range -200°+260°C (-392°+500° F)
- ✓ Compression and surface compliant properties
- ✓ Excellent dielectric properties
- ✓ Non-stick behaviour
- ✓ Low coefficient of friction
- ✓ Electrical insulation
- ✓ Excellent resistance to aggressive chemical agents and solvents
- ✓ Resistance to atmospheric agents and UV rays

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PRODUCTS	TYPE OF POLYMER	GRADE	TECHNOLOGY	MAIN APPLICATIONS
S-PTFE: Suspension Polymerization				
MG1 (BG) MG1 MG2	PTFE Homopolymer	Non Free-Flowing powder	Compression molding	Billets, plates, gaskets, bellows, skived films, diaphragms, bearings, sealing elements, valves, pipes, fittings, joints, O- rings, protective linings, nozzles, electrical tapes
MG1-FF MG2-FF	PTFE Homopolymer	Free-Flowing	Compression moulding and isostatic moulding	
MG1-FF/HD MG4-FF/HD	PTFE Homopolymer	Very Good Free-Flowing	Automatic and compression moulding RAM Extrusion	
EG1 EG1-F EG2	PTFE Homopolymer	Pre-sintered pellet	RAM Extrusion	Stock-shapes and profiles
Porous PTFE	PTFE Homopolymer	100% PTFE powder Non Free-Flowing	Compression moulding	Semi-finished parts, filters, gaskets, components for optical equipment
E-PTFE: Emulsion Polymerization				
FP-EG 1	PTFE Homopolymer	Fine Powder	Paste Extrusion	Extruded pipes, hoses, rods, sheets, seal tapes, membranes, wire and cable coating
FP-EG MOD	Modified PTFE (Co-polymer)			

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PRODUCT | PEOPLE, PASSION, INNOVATION.

