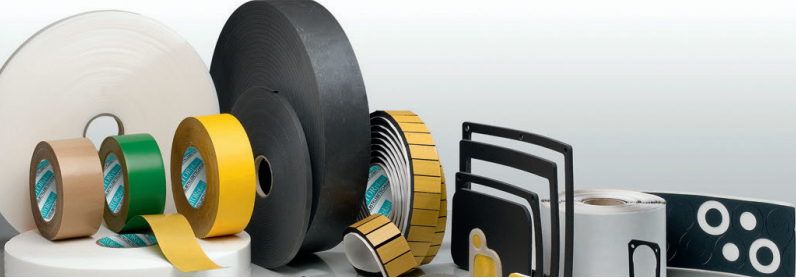


Sealing Materials

supplied as roll or die-cut part



Article-Colour Code
– 03 = white
– 14 = grey
– 18 = anthracite
– 19 = black

density (kg / m³)	compression hardness at 25% (kPa)	water absorption (% vol.)	temperature resistance (°C) (refers to the raw material, not the adhesive)	available thickness (mm)	available width (mm)
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Designation	Sample	Description						
ASTORMoll 14000 PU-foam white, anthracite		fine-pored polyurethane-ester foam, open cell, non-UV resistant, highly compressible and very smooth. Versatile sealing material. Shock absorbing properties. (various special grades)	30	3	–	–30 to +100	3, 4, 5, 6, 8, 10, 12, 15, 20, 25, 30	7 – 960 mm
ASTORplus 11510 HD-PU-foam anthracite		fine-pored, mixed cell, high density PUR-foam, excellent resilience, special sealing material for glass applications.	430	350	–	–40 to +100, short-term to +170	2, 3, 4, 5	6 – 960 mm
ASTORpol K 15000 PE-foam white, black		closed cell PE-foam, semi-rigid, excellent chemical and ageing resistance, does not rot, resistant to moisture, food compliant. As glazing tape for glass applications	45	50	< 1%	–70 to +105	1, 1.5, 2, 3, 4, 5, 6, 8, 10, 12, 15	6 – 960 mm
ASTORpol J 15010 PE-foam white, anthracite		closed cell PE-foam, soft, with smooth skin on surface, chemically neutral, excellent chemical and ageing resistance, does not rot, resistant to moisture. To be used as versatile sealing tape.	33	45	< 1%	–60 to +100	2, 3, 4, 5, 6, 8, 10, 12, 15	6 – 960 mm
ASTORpol S 15011 PE-foam / film white, anthracite		same material as ASTORpol J but with laminated PE-film and without liner film. e.g. used as glazing tape and sealing material for various applications.	30	35	< 1%	–60 to +100	2, 3, 4, 5, 6, 8	6 – 960 mm
ASTORsoft 15900 PE-foam «mixed-cell» white, anthracite		extremely soft, mixed-cell polyethylen foam, with skin. Suitable for use as nail sealing tape (test report P6-076 / 2009 Fraunhofer-Institut for construction physics).	25	3	–	–40 to +90	white: 3, 5 black: 3, 5, 8	7 – 960 mm
ASTORpol H 15080 PE-foam «hard» white		hard PE-foam, closed-cell, with smooth skin, chemically neutral, excellent chemical & ageing resistance, does not rot, resistant to moisture. Versatile glazing & sealing tape, especially for higher loads in glass, machine and apparatus engineering.	65 to 185	55–460	< 1%	–80 to +80	0.8, 1, 2, 3, 4	6 – 960 mm
ASTORpvc 15211 PVC-foam grey, black		mixed-cell PVC-foam, very smooth, self-extinguishing, high ageing resistance, versatile use in many applications.	140	8	< 10%	–30 to +60	2, 3, 4, 5, 6, 8	6 – 960 mm
ASTORflex EPDM 15310 EPDM-foam black		closed-cell rubber foam (EPDM-grade), excellent ageing, weathering- and UV resistance, good resilience, outstanding temperature performance. For machine, apparatus and construction engineering.	120	35	< 5%	–40 to +95	2, 3, 4, 5, 6, 8, 10, 12, 15, 20	6 – 960 mm
ASTORflex EPDM-L 15312 EPDM-light foam black		soft, closed cell light-EPDM rubber foam, excellent resilience, self-extinguishing (non-halogen), high aging- and chemical resistance, to be used as versatile sealing material.	50	10	< 2%	– 50 to +125 (short + 175)	3, 6, 9 13, 16	7 – 960 mm
ASTORflex CR 15320 CR-foam black		closed cell CR-rubber foam (Neopren-grade), good ageing performance, resistant to various chemicals, self-extinguishing, for machine- and apparatus engineering.	150	50	< 5%	–30 to +110	2, 3, 4, 5, 6, 8, 10, 12, 15, 20	6 – 960 mm
ASTORflex Nitril 15340 NBR-foam (Nitrile) black		closed cell nitrile-rubber foam (NBR-grade), good ageing performance, especially resistant against oil, grease, gasoline, self-extinguishing. For machine and apparatus engineering	170	65	< 5%	–40 to +90, short-term to +100	2, 3, 4, 5, 6	6 – 960 mm
ASTORKera 25811 ceramic fibre (CaMg-silicate) white, anthracite		asbestos-free, bio-soluble ceramic fibre tape, high temperature resistance, low smoke generation in case of fire. Ideal sealing tape for high safety, e.g. for fire protection doors and windows.	200	–	–	+900 short-term to +1200	2, 3, 4, 5, 6, 8, 10	6 – 960 mm
ASTORKork 15500 press cork natural		hard press cork, small shrinkage, good resistance against oil, gasoline, diluted acids. Protects and isolates against cold and noise. Ideal as distance pad for glass transportation.	220	100	< 25%	–30 to +120	1, 2, 3, 4, 5, 6	6 – 960 mm

All sealing tapes are supplied with adhesive on one side. If needed the materials are available with adhesives on both sides or without adhesive.
Some materials contain laid scrim or a fine cloth to provide dimensional stability. Special versions are available on request. The cut and thickness tolerances are acc. to DIN 7715-Teil 5 – class P3.
This information is based on our current knowledge and relates to the data of our suppliers. We distance ourselves from any responsibility as we do not have knowledge of the use of these materials by our clients. We recommend to perform own tests to ensure suitability of a product in its application. All mentioned products comply with RoHS.



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