



# GENERAL CATALOG

## Product range







A wide range of special adhesive tapes to serve several industry's market segments.





# The Company

H-OLD® has been manufacturing for over 30 years a wide range of special adhesive tapes to serve several industry's market segments. Quality and Flexibility are the most important features recognised by our customers.

We have successfully secured a major market share in Europe and in most of the overseas countries, from Japan to USA, offering our technical expertise to solve specific application problems of the industry.

Since 2008, the production plant located in Biandrate (NO) with three coating lines, production plant to manufacture own formulated rubber adhesives and two complete converting departments have increased our production capacity and our ability to supply single and double sided adhesive tapes in almost any kind of application.

**H-OLD® has developed a total quality approach integrating three certification systems:**

- **ISO 9001:2015 quality management,**
- **ISO 14001:2015 environment management,**
- **OHSAS 18001:2007 health & safety management.**

**Furthermore, we comply with the regulations of Rohs and REACH to prevent any content of dangerous or suspect substances in our products.**

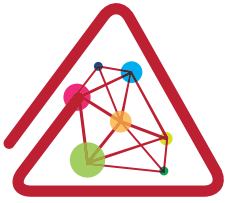
**We offer to the electrical insulation use case 45 items UL recognized under our File UL OANZ2 E 178430 and 11 E.I.S. (Electrical Insulation Systems) listing most of our Adhesive Tapes.**

Many of our products are registered in the IMDS International Materials Data System, therefore any need of the automotive industry, to supply parts or components can be easily satisfied.

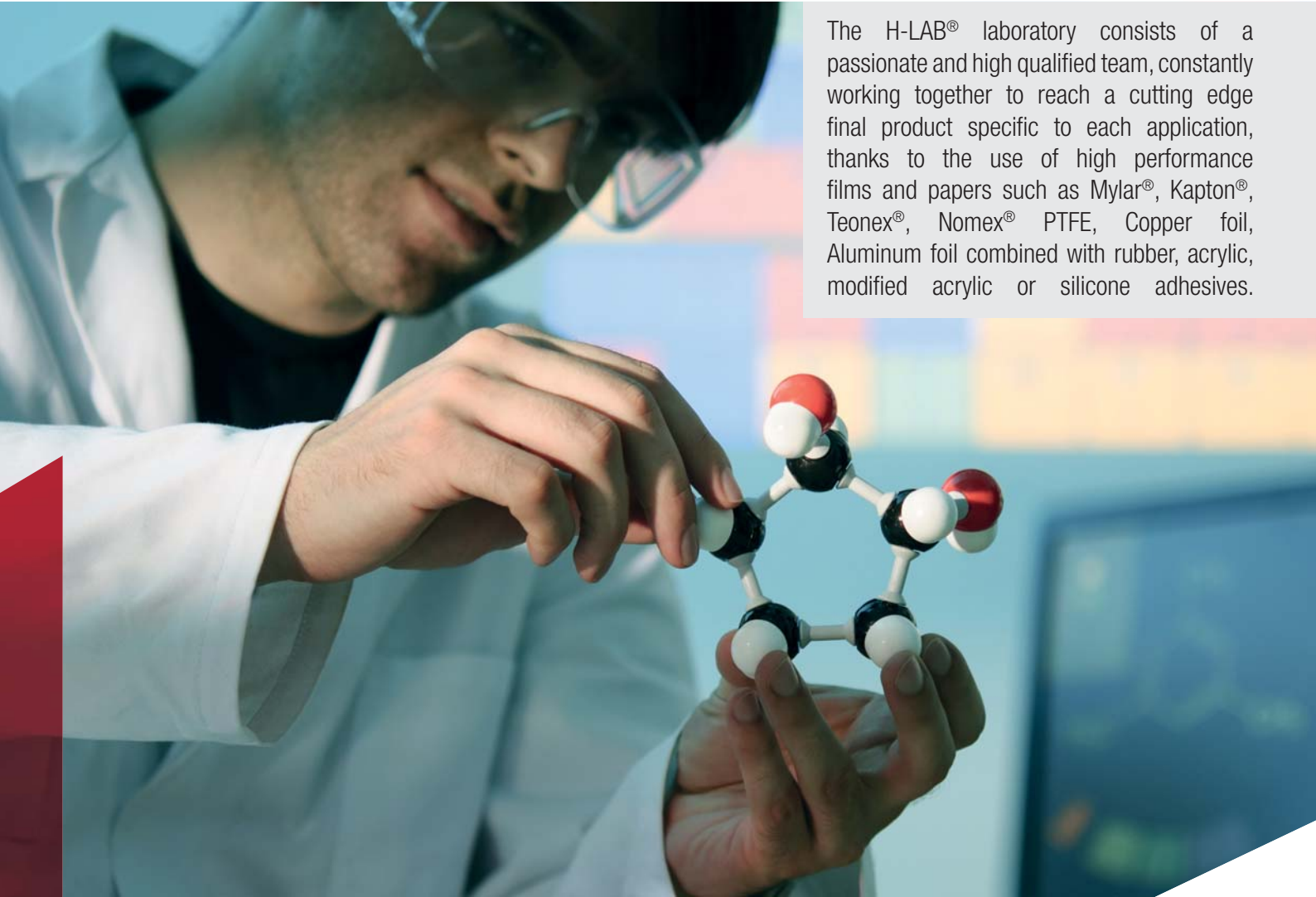
We ensure the constant quality of our products to meet our final customer needs in technical applications, thanks to continuous control activities during all production processes, carried out in our onsite h-lab® laboratory.

H-OLD® sales organisation and local distributors network both offer skills and know-how to solve customer's needs with specific tapes. We are proud to offer you our cutting edge problem solving approach and flexible manufacturing capacity.





# h-lab<sup>®</sup>



The H-LAB<sup>®</sup> laboratory consists of a passionate and high qualified team, constantly working together to reach a cutting edge final product specific to each application, thanks to the use of high performance films and papers such as Mylar<sup>®</sup>, Kapton<sup>®</sup>, Teonex<sup>®</sup>, Nomex<sup>®</sup> PTFE, Copper foil, Aluminum foil combined with rubber, acrylic, modified acrylic or silicone adhesives.

## Flexibility and Competence

Special adhesive formulations are studied and developed within our H-LAB<sup>®</sup> aimed to meet the most demanding performance and quickly manufacture the right solution to your needs.

We offer our extensive competence and flexibility to develop one single highly customized product even in small batch productions, assuring accurate technical support and quality control.



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Our **SINGLE SIDED** adhesive tapes range



## POLYESTER FILM TAPES BASED ON RUBBER ADHESIVE

Product	Colour	Adhesive Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
<b>P.31</b>	Cl, Y, Sun Y, Bl, B, Cr, W	Thermosetting Rubber	23	60	5,0	40	80%	4,5	130 (B)	160	1280	66
<b>P.315</b>	Y, Sun Y, Cl, B	Thermosetting Rubber	50	87	6,0	70	100%	7,0	130 (B)	160	1000	66
<b>11.B</b>	Y, Bl	Thermosetting Rubber	23	60	5,0	40	80%	4,5	130 (B)	160	1280	66
<b>12.B</b>	Y	Thermosetting Rubber	50	87	6,0	70	100%	7,0	130 (B)	160	1000	66

## POLYESTER FILM TAPES BASED ON ACRYLIC ADHESIVE

Product	Colour	Adhesive Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
<b>P.34</b>	Cl	Pure acrylic	23	60	3,5	40	80%	4,5	130 (B)	180	1280	66
<b>P.34</b>	Y, R, G, Bl, B, W	Pure acrylic	23	60	2,5	40	80%	4,5	130 (B)	180	1280	66
<b>P.34/53</b>	Y	Pure acrylic	23	60	4,5	40	80%	4,5	130 (B)	180	1000	66
<b>P.3406 HT</b>	Cl	Pure acrylic	100	135	3,0	170	120%			150	1000	50
<b>P.3410/LNR</b>	Cl	Pure acrylic	23	60	2,5	40	80%	4,5	130 (B)	180	1000	66
<b>P.343</b>	Cl	Pure acrylic	23	40	2,5	40	80%	4,5	130 (B)	180	1280	66
<b>P.345 Print</b>	Y	Pure acrylic	50	85	5,5	70	100%	7,0	130 (B)	180	1000	66
<b>P.355</b>	Cl, Y, B	Pure acrylic	50	87	6,0	70	100%	7,0	130 (B)	180	1000	66
<b>10.B</b>	Cl, Y, Bl, (B*)	Pure acrylic	23	60	5,0	40	80%	4,5	130 (B)	180	1280	66
<b>6700</b>	Y, W	Modified acrylic	23	55	2,5	40	80%	4,5	130 (B)	180	1280	66
<b>6701</b>	Y, W	Modified acrylic	50	80	2,5	70	100%	7,0	130 (B)	180	1280	66
<b>P.34 Print</b>	Cl, Y (B*)	Modified acrylic	23	60	2,5	40	80%	4,5	130 (B)	180	1280	66
<b>P.36</b>	W	Modified acrylic	23	68	4,5	40	80%	4,5	130 (B)	180	1000	66

## POLYESTER FILM TAPES BASED ON SILICONE ADHESIVE

Product	Colour	Adhesive Type	Liner Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
<b>5369</b>	Y	Silicone		23	70	3,0	40	80%			200	1000	66
<b>5676</b>	G	Silicone		50	80	3,0	70	100%	7,0	130 (B)	200	1000	66
<b>5976</b>	Bl	Silicone		125	160	3,0	170	120%		130 (B)	220	1000	66
<b>12.SL</b>	Cl, Bl, G (R*)	Silicone		50	80	4,0	70	100%	7,0	130 (B)	200	1000	66
<b>6.SL</b>	Cl, Bl, G	Silicone		23	55	3,0	40	80%	4,5	130 (B)	200	1000	66
<b>6.SL</b>	R	Silicone		23	55	2,5	40	80%	4,5	130 (B)	200	1000	66
<b>8.SL</b>	Br	Silicone		23	100	1,3	40	80%	4,5	130 (B)	200	1000	66
<b>P.40</b>	Cl, Bl	Silicone		23	60	3,0	40	80%	4,5	130 (B)	200	1000	66
<b>P.40</b>	G, R	Silicone		23	60	2,5	40	80%	4,5	130 (B)	200	1000	66
<b>P.410</b>	Cl	Silicone		100	140	3,5	170	120%			200	1000	66
<b>P.412</b>	Br	Silicone		100	140	1,3	170	120%		130 (B)	180	1200	66
<b>P.42</b>	Br	Silicone		23	100	1,3	40	80%	4,5	130 (B)	200	1000	66
<b>P.43</b>	Cl, G, Bl	Silicone		36	75	2,8	55	90%	7,0	130 (B)	200	1000	66
<b>P.4408</b>	Cl	Silicone	Fluorinated PET film	100	135	4,0	170	120%			180	1000	50
<b>P.450</b>	Bl, Cl	Silicone		50	85	3,8	70	100%	7,0	130 (B)	200	1000	66
<b>P.450</b>	G (R*, B*)	Silicone		50	85	2,8	70	100%	7,0	130 (B)	200	1000	66
<b>P.4505</b>	G (Cl*)	Silicone	Fluorinated PET film	50	85	2,8	70	100%	7,0	130 (B)	200	1000	66
<b>P.46</b>	Bl, Cl	Silicone	PET film	23	60	3,2	40	80%		130 (B)	200	1000	66
<b>P.46/G</b>	Bl	Silicone	Embossed PVC film	23	63	3,2	40	80%			200	1000	50
<b>P.4623</b>	Coral R	Silicone		23	65	2,5	40	80%			200	1000	66
<b>P.4643</b>	B	Silicone		23	65	2,5	40	80%			180	1000	66
<b>P.47</b>	Cl	Silicone		75	110	5,0	100	110%			200	1000	66
<b>P.4725</b>	Cl	Silicone	Embossed PVC film	75	110	3,5	100	110%			200	1000	66
<b>P.7520</b>	Cl	Silicone		50	85	3,0	70	100%			180	1000	66

## POLYESTER FILM TAPES LAMINATED TO NON WOVEN OR PAPER

Product	Colour	Adhesive Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
40.AC	Tr	Pure acrylic	70	120	7,0	30	45%	4,8	155 (F)	180	1280	50
PT.20/20	Tr	Pure acrylic	98	160	8,0	30	45%	4,8	155 (F)	180	1280	50
PT.40	Tr	Pure acrylic	160	215	6,0	45	20%	5,0	155 (F)	180	1280	50
6066	W	Thermosetting Rubber	130	160	5,5	40	30%	6,5	130 (B)	160	1280	50
4.B	W	Thermosetting Rubber	70	110	6,0	35	25%	4,8	130 (B)	160	1280	50
41.B	W	Thermosetting Rubber	165	190	4,3	40	20%	4,8	130 (B)	160	1280	50
HPT.35	Y	Thermosetting Rubber	120	200	6,5	30	25%	4,8	130 (B)	160	1280	50
PT.25	W	Thermosetting Rubber	90	150	5,0	30	45%	4,8	130 (B)	160	1280	50
PT.35	W	Thermosetting Rubber	120	175	6,0	30	25%	4,8	130 (B)	160	1280	50
PT.45	W	Thermosetting Rubber	180	235	6,5	45	20%	5,0	130 (B)	160	1280	50
R.180	Cr	Thermosetting Rubber	160	220	6,5	70	20%	8,0	130 (B)	160	1210	50

## POLYESTER FILM OR PAPER TAPES REINFORCED WITH GLASS FILAMENT

Product	Colour	Adhesive Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
46.AC	Cl	Pure acrylic	75	125	6,0	220	5%	5,0	155 (F)	180	1000	50
PS.249	Cl	Pure acrylic	85	160	4,5	380	5%	5,0	155 (F)	180	1000	50
PS.25	Cl	Modified acrylic	85	155	7,5	380	5%	5,0	155 (F)	180	1000	50
PS.30	Cl	Modified acrylic	100	175	7,0	550	5%	5,0	155 (F)	180	1000	50
PVX.30	Cl	Modified acrylic	110	170	6,0	380	4%	5,0	155 (F)	180	1000	50
PG.70	W	Modified acrylic	155	250	6,0	400	3%	2,0	130 (B)	160	1200	50
PR.25	W	Thermosetting Rubber	85	120	3,5	380	5%	5,0	130 (B)	160	1000	50
PR.30	Cl	Thermosetting Rubber	100	175	4,0	550	5%	5,0	130 (B)	160	1000	50

## PAPER ADHESIVE TAPES

Product	Colour	Adhesive Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
6765	Nat	Natural Rubber	95	125	2,5	28	8%	90	1350	50
FP.49	Nat	Natural Rubber	110	150	4,5	40	4%	120	1260	50
FP.50	Cr	Natural Rubber	110	150	6,5	40	4%	120	1260	50
CP.50	Cr	Thermosetting Rubber	110	150	2,5	45	9%	130	1000	50
SP.110	W	Silicone	100	145	3,0	30	5%	220	1240	50
SP.130	Cr	Silicone	80	135	2,0	40	9%	200	900	50

## ACETATE CLOTH ADHESIVE TAPES

Product	Colour	Adhesive Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
CA.100	W, B	Thermosetting Rubber	160	210	1,8	55	10%	1,5	105 (A)	150	1000	50



## GLASS CLOTH ADHESIVE TAPES

Product	Colour	Adhesive Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
<b>GL.94</b>	W, B	Pure acrylic	120	165	4,0	300	5%	2,5	155 (F)	180	1200	50
<b>GL.97</b>	W	Pure acrylic	130	178	4,5	400	7%	3	155 (F)	180	1200	50
<b>GL.95</b>	W, B	Thermosetting Rubber	120	170	3,5	300	5%	2,5	130 (B)	160	1200	50
<b>76.SH</b>	W	Thermosetting Silicone	120	170	2,3	300	5%	2,5	180 (H)	300	1200	50
<b>GL.96</b>	W	Thermosetting Silicone	120	170	2,3	300	5%	2,5	180 (H)	300	1200	50
<b>GL.99</b>	W	Silicone	120	165	2,2	250	5%	2,5	180 (H)	280	1200	50

## NOMEX® PAPER ADHESIVE TAPES

Product	Adhesive Type	Backing Type	Colour	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
<b>X.50</b>	Pure acrylic	Nomex® paper	W	50	100	5,5	35	5%	2,5	155 (F)	180	914	50
<b>X.80</b>	Pure acrylic	Nomex® paper	W	80	120	5,5	60	5%	3,8	155 (F)	180	914	50
<b>X.130</b>	Pure acrylic	Nomex® paper	W	130	180	7,0	110	5%	5,0	155 (F)	180	914	50
<b>X.250 LINER</b>	Pure acrylic	Nomex® paper	Cr	250	300	6,0	250	5%		155 (F)	180	914	50
<b>X.51</b>	Thermosetting Rubber	Nomex® paper	W	50	95	5,0	35	5%	2,5	155 (F)	160	914	50
<b>X.180</b>	Thermosetting Rubber	Nomex® paper	W	180	240	4,0	200	5%	6,7	155 (F)	180	914	50
<b>GX.50</b>	Thermosetting Rubber	Nomex/Glass cloth	W	110	150	4,5	160	3%	3,5	155 (F)	160	914	50
<b>PX.50</b>	Thermosetting Rubber	Nomex/PET film	W	90	135	5,5	65	10%	7,0	155 (F)	160	914	50
<b>RX.50</b>	Thermosetting Rubber	Nomex/PET filaments	W	125	160	5,0	80	5%	2,5	155 (F)	160	914	50
<b>19.F</b>	Thermosetting Rubber	Nomex/PET film	W	90	135	5,5	65	10%	7,0	155 (F)	160	914	50

## POLYIMIDE FILM ADHESIVE TAPES

Product	Adhesive Type	Backing Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
<b>3710</b>	Pure acrylic	Kapton®film	25	35	1,5	45	35%	6,5	155 (F)	180	660	33
<b>H.20 AC</b>	Pure acrylic	Kapton®film	25	60	4,0	45	35%	6,0	155 (F)	180	660	33
<b>H.50 AC</b>	Pure acrylic	Kapton®film	50	90	3,8	75	35%	10,0	155 (F)	180	660	33
<b>70.AC</b>	Pure acrylic	PI film	25	60	4,0	40	35%	6,0	155 (F)	180	640	33
<b>3776</b>	Silicone	Kapton®film	125	170	2,0	180	50%	19	180 (H)	260	660	33
<b>3777</b>	Silicone	Kapton®film	25	40	1,0	45	35%	6,5	180 (H)	260	660	33
<b>H.20</b>	Silicone	Kapton®film	25	60	2,3	45	35%	6,5	180 (H)	260	660	33
<b>H.205</b>												
<b>H.20 CR</b>	Silicone	Kapton®film	25	60	2,3	45	40%	6,0	180 (H)	270	780	33
<b>H.50</b>	Silicone	Kapton®film	50	85	2,5	75	35%	10,0	180 (H)	260	660	33
<b>H.505</b>												
<b>560</b>	Silicone	PI film	25	60	2,3	40	35%	6,0	180 (H)	260	640	33
<b>660</b>	Silicone	PI film	50	85	2,5	75	35%	10,0	180 (H)	260	640	33
<b>71.SL</b>	Silicone	PI film	25	60	2,3	40	35%	6,0	180 (H)	260	640	33

# TEONEX® PEN FILM ADHESIVE TAPES

Product	Adhesive Type	Colour	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
<b>K.30 AC</b>	Pure acrylic	Cl	25	60	5,0	40	50%	6,0	155 (F)	200	1000	66
<b>K.50 AC</b>	Pure acrylic	Bl (Cl on demand)	50	85	4,5	90	60%	8,0	155 (F)	220	1000	66
<b>K.30</b>	Silicone	Bl (Cl, R on demand)	25	60	3,0	40	50%	6,0	180 (H)	240	1000	66
<b>K.305</b>	lined version of K,30											
<b>K.50</b>	Silicone	R (Cl and Bl on demand)	50	85	2,5	90	60%	8,0	180 (H)	240	1000	66
<b>K.505</b>	lined version of K,50											

# ALUMINIUM FOIL ADHESIVE TAPES

Product	Adhesive Type	Backing Type	Colour	Liner Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Temperature Resistance (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
<b>AL.30</b>	Pure acrylic	Aluminium foil	S	Monosiliconized paper	30	60	5,0	25	3%	-50/+150		1000	50
<b>AL.40</b>	Pure acrylic	Aluminium foil	S	Monosiliconized paper	40	80	6,5	35	3%	-50/+150		1000	50
<b>AL.50</b>	Pure acrylic	Aluminium foil	S	Monosiliconized paper	50	90	7,5	35	3%	-50/+150		1000	50
<b>AL.80</b>	Pure acrylic	Aluminium foil	S	Monosiliconized paper	80	120	8,0	65	5%	-50/+150		1000	50
<b>AL.80/30</b>	Pure acrylic	Aluminium foil	S	Monosiliconized paper	80	110	7,5	65	5%	-40/+150		1000	50
<b>AL.100</b>	Pure acrylic	Aluminium foil	S	Monosiliconized paper	100	140	8,7	65	5%	-50/+150		1000	50
<b>AL.135</b>	Pure acrylic	Aluminium foil	S	Monosiliconized paper	135	175	8,0	90	6%	-50/+150		1000	50
<b>AL.150</b>	Pure acrylic	Aluminium foil	W	Monosiliconized paper	150	190	9,0	90	6%	-50/+150		1000	50
<b>AL.300</b>	Pure acrylic	Aluminium foil	S	Monosiliconized paper	300	355	10,0	180	20%	-50/+150		1000	50
<b>AL.088 Black</b>	Pure acrylic	Aluminium foil	B	Monosiliconized paper	65	100	7,0	45	4%	-40/+150		1000	50
<b>AL.088 Brown</b>	Pure acrylic	Aluminium foil	Br	Monosiliconized paper	65	100	7,0	45	4%	-40/+150		1000	50
<b>AL.088 White</b>	Pure acrylic	Aluminium foil	W	Monosiliconized paper	65	100	7,0	45	4%	-40/+150		1000	50
<b>EA.100</b>	Pure acrylic	Embossed Alu foil	S	Monosiliconized paper	200	240	8,0			-40/+150		1000	50
<b>4010</b>	Pure acrylic	Aluminium foil	S	Monosiliconized paper	30	70	5,0	20	3%	-30/+120	150	1200	50
<b>4110</b>	Pure acrylic	Aluminium foil	S	Monosiliconized paper	40	80	6,0	30	3%	-30/+120	150	1200	50
<b>4210</b>	Pure acrylic	Aluminium foil	S	Monosiliconized paper	50	90	6,5	35	3%	-30/+120	150	1200	50
<b>4425</b>	Pure acrylic	Aluminium foil	Matt B	Monosiliconized paper	58	85	5,5	45	4%	-40/+160		1000	50
<b>4440</b>	Pure acrylic	Aluminium foil	Matt B	Monosiliconized paper	56	95	6,5	45	4%	-40/+150		1000	50
<b>4465</b>	Removable acrylic	Aluminium foil	S	Monosiliconized paper	50	77	2,2	50	4%	-30/+150		1000	50
<b>6540</b>	Modified acrylic	Aluminium/Glass scrim	S	Monosiliconized paper	90	140	5,0	70	5%	-40/+110		1200	50
<b>CAL.40</b>	Conductive acrylic	Aluminium foil	S	Monosiliconized paper	40	88	4,0	50	6%	-40/+150	180	1000	50
<b>4281</b>	Silicone	Aluminium foil	S	Fluorinated PET film	50	85	4,5	35	3%	-70/+220	300	1000	50
<b>4388</b>	Silicone	Aluminium foil	S	Fluorinated PET film	80	115	5,0	65	5%	-70/+220	300	1000	50
<b>GLA.200</b>	Silicone	Aluminium/Glass cloth	S	Embossed PVC	220	260	3,0	550	2%	-30/+250	300	1000	33
<b>4155</b>	Synthetic Rubber	Aluminium foil	S	Monosiliconized paper	40	95	15,0	40	4%	-20/+100		1000	50
<b>4255</b>	Synthetic Rubber	Aluminium foil	S	Monosiliconized paper	50	100	15,0	45	4%	-20/+100		1000	50
<b>AL.154</b>	Synthetic Rubber	Aluminium foil	S	Monosiliconized paper	150	195	13,0	90	6%	-30/+130		1000	50

# ALUMINIUM FOIL ADHESIVE TAPES (SELF-WOUND)

Product	Adhesive Type	Colour	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
<b>AR.50</b>	Pure acrylic	S	50	90	5,5	35	3%	-50/+150	1000	50
<b>AR.80</b>	Pure acrylic	S	80	120	6,0	65	5%	-50/+150	1000	50
<b>AS.40</b>	Pure acrylic	S	40	80	5,0	35	3%	-50/+150	1000	50
<b>AS.50</b>	Pure acrylic	S	50	90	5,5	35	3%	-50/+150	1000	50
<b>AS.80</b>	Pure acrylic	S	80	120	6,0	65	5%	-50/+150	1000	50

## LAMINATED PET/ALU ADHESIVE TAPES

Product	Adhesive Type	Backing Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
6330 Liner	Pure acrylic	ALU/PET laminate	55	94	8,5	60	20%	-40/+150	1000	50
AP.009	Pure acrylic	ALU/PET laminate	35	75	7,5	50	20%	-40/+150	1000	50
AP.025	Pure acrylic	ALU/PET laminate	50	80	8,5	60	20%	-40/+150	1000	50
AP.030	Pure acrylic	ALU/PET laminate	55	90	9,5	60	20%	-40/+150	1000	50
AP.100	Pure acrylic	ALU/PET laminate	130	170	9,0	85	20%	-40/+150	1000	50
PAP.12/50/12	Pure acrylic	ALU/PET laminate	82	107	5,5	50	15%	-40/+140	1000	50
6350	Synthetic Rubber	ALU/PET laminate	46	80	14,0	60	20%	-40/+120	1000	50

## COPPER FOIL TAPES

Product	Adhesive Type	Backing Type	Colour	Liner Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
4536	Pure acrylic	Copper foil	C	Monosilicized paper	36	75	5,5	65	6%	180	640	33
CUN.38	Conductive acrylic	Tinned Copper foil	S	Monosilicized paper	40	85	4,0	50	6%	180	310	33
<b>SCUT.36</b>	Conductive acrylic	Copper foil	C	Monosilicized paper	36	75	5,0	65	6%	180	640	33

## PTFE FILM ADHESIVE TAPES

Product	Adhesive Type	Colour	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
TF.50 AC	Pure acrylic	Br	50	95	4,0	40	100%	9,0	155 (F)	220	580	33
<b>TF.50</b>	Silicone	Br	50	100	3,0	40	100%	9,0	180 (H)	260	580	33
TF.55	Silicone	O	50	95	2,5	40	55%	9,0	180 (H)	260	580	33
TFE.130	Silicone	Gr	130	190	3,5	80	320%	11,5	180 (H)	260	1000	33

## POLYPROPYLENE FILM ADHESIVE TAPES

Product	Adhesive Type	Colour	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Temperature Resistance (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
970	Natural Rubber	Bl, I	85	115	3,5	300	35%	-30/+70	120	1250	66
980	Natural Rubber	Y, B	115	150	3,5	375	35%	-30/+70	120	1250	66
3134	Removable acrylic	Bl	55	75	2,5	200	45%	-50/+70	120	1250	66

## POLYETHYLENE FILM ADHESIVE TAPES

Product	Adhesive Type	Colour	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
PE.090	Pure acrylic	Cl (W, R and Bl on demand)	90	130	3,5	8,0	200%	-50/+60	1000	66
PE.120	Pure acrylic	Cl	120	160	4,5	9,0	180%	-50/+60	1000	50
PE.091	Natural Rubber	W (Cl and B on demand)	90	100	2,0	8,0	200%	-30/+60	1000	50
PE.060	Synthetic Rubber	W	60	80	6,5	8,0	200%	-40/+60	1550	66



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Our **DOUBLE SIDED** adhesive tapes range

## TRANSFER TAPES

Product	Colour	Adhesive Type	Liner Type	Liner Colour	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Temperature Resistance (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
8000	Cl	Pure acrylic	Bi-siliconized paper	W	50	5,0	-40/+140	170	1000	50
8010	Cl	Pure acrylic	Bi-siliconized paper	W	120	7,5	-40/+140	170	1000	50
8002	Cl	Modified acrylic	Bi-siliconized paper	W	60	6,0	-40/+120	140	1000	50
8003	Tr	Modified acrylic	Bi-siliconized paper	Br	60	6,0	-40/+120	140	1500	50
8004	Tr	Modified acrylic	Bi-siliconized paper	A	40	5,0	-30/+100	140	1000	50
8029	R - Y	Modified acrylic	Bi-siliconized paper	A	50	3,0	-30/+110	140	1000	50
8030	Tr	Modified acrylic	Bi-siliconized paper	A	50	2,5	-30/+110	140	1500	50
8035	Tr	Modified acrylic	Bi-siliconized paper	W	130	9,0	-40/+80	120	1000	50
9123	Tr	Modified acrylic	Bi-siliconized paper	A	50	2,5	-30/+110	140	1500	50
9124	Tr	Modified acrylic	Bi-siliconized paper	A	50	5,0	-30/+110	140	1000	50
9125	Tr	Modified acrylic	Bi-siliconized paper	Br	50	6,0	-30/+110	140	1500	50
9127	Tr	Modified acrylic	Bi-siliconized paper	A	55	4,0	-30/+110	140	1500	50
9150	Tr	Modified acrylic	Bi-siliconized paper	Br	120	9,0	-30/+110	140	1500	50
9160	Tr	Modified acrylic	Bi-siliconized paper	Br	130	13,0	-30/+110	140	1500	50

## ATG TRANSFER TAPES

Product	Colour	Adhesive Type	Liner Type	Liner Colour	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Temperature Resistance (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
8031	Tr	Modified acrylic	Bi-siliconized paper	A	50	3,0	-30/+110	140	6-9-12-19	33-50
8036	Tr	Modified acrylic	Bi-siliconized paper	W	130	9,0	-30/+80	120	6-9-12-19	16,5-33
9122 R	Tr	Modified acrylic	Bi-siliconized paper	A	40	2,5	-30/+110	140	6-9-12-19	33-50
9123 R	Tr	Modified acrylic	Bi-siliconized paper	A	50	2,5	-30/+110	140	6-9-12-19	33-50
9124 R	Tr	Modified acrylic	Bi-siliconized paper	A	50	5,0	-30/+110	140	6-9-12-19	33-50
9127 R	Tr	Modified acrylic	Bi-siliconized paper	A	55	4,0	-30/+110	140	6-9-12-19	33-50
9150 R	Tr	Modified acrylic	Bi-siliconized paper	A	120	9,0	-30/+110	140	6-9-12-19	16,5-33
9121 R	Tr	Removable acrylic	Bi-siliconized paper	LBI	25	0,5	-30/+100	140	6-9-12-19	50
7190 R	Tr	Pure acrylic/ Removable acrylic	Bi-siliconized paper	W	80	0,5 / 1,2	-20/+120	150	12-19	16,5-33

## TISSUE TAPES

Product	Colour	Adhesive Type	Liner Type	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Temperature Resistance (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)	
9175	Tr	Pure acrylic	Bi-siliconized paper	100	4,5	-20/+140	160	1200	50	
9175R				Reverse wound version of 9175 for ATG dispenser						
8500	Tr	Modified acrylic	Bi-siliconized paper	100	4,5	-20/+130	180	1000	50	
8530	Tr	Modified acrylic	Bi-siliconized paper	150	8,0	-20/+130	160	1000	50	
8535	Tr	Modified acrylic	Bi-siliconized PE film	210	6,0	-20/+120	180	1000	50	
9170	Tr	Synthetic Rubber	Bi-siliconized paper	110	8,0	-20/+50	65	1500	50	



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## POLYESTER TAPES

Product	Adhesive Type	Colour	Liner Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Temperature Resistance (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
8103 Red	Pure acrylic	R	Bi-siliconized paper	12	92	3,0	-40/+130	160	1000	50
8100	Modified acrylic	W	Bi-siliconized paper	12	55	3,0	-20/+130	180	1000	50
8102	Modified acrylic	Cl	Bi-siliconized paper	12	95	4,5	-30/+130	160	1000	50
8160	Modified acrylic	Cl	Bi-siliconized paper	12	130	9,0	-20/+120	160	1000	50
8160/PPR	Modified acrylic	Cl	Bi-siliconized PP film	12	130	9,0	-20/+120	160	1000	50
8167	Modified acrylic	Cl	Bi-siliconized paper	12	160	7,0	-20/+120	160	1000	50
8303	Modified acrylic	Cl	Bi-siliconized paper	23	200	10,0	-20/+150	180	1000	50
9169	Modified acrylic	Cl	Bi-siliconized PP film	23	200	10,0	-20/+150	180	1000	50
8621	Acrylic / Rubber	Cl	Bi-siliconized paper	23	85	0,1 / 5,0	-30/+80	100	1000	50
8644	Acrylic / Silicone	Cl	Paper / PET film	23	95	5,0 / 2,5	-40/+160	190	1000	50
8822	Silicone	Cl, Gr	Bi-fluorinated PET film	23	100	4,0	-30/+160	220	1000	50
8825	Silicone	R, Cl	Bi-fluorinated PET film	50	125	2,5	-40/+160	220	1000	50
8842	Silicone	Br	Bi-fluorinated PET film	23	170	1,3	-30/+130	180	1000	50
9180	Synthetic Rubber	Cl	Bi-siliconized paper	23	90	8,0	-20/+70	100	1000	50
P.231	Thermosetting Rubber	Y	Bi-siliconized paper	23	90	5,0	-20/+120	160	1000	50

## PVC FILM TAPES

Product	Colour	Adhesive Type	Liner Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Temperature Resistance (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
8700	W	Modified acrylic	Bi-siliconized paper	50	235	12	-30/+80	100	1000	50

## KAPTON® FILM TAPES

Product	Colour	Adhesive Type	Liner Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Breakdown Voltage (kV)	Thermal Class (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
H.220	Br	Silicone	Fluorinated PET	25	100	2,7	45	35%	6,5	180 (H)	260	1000	33

## ALUMINIUM TAPES

Product	Colour	Adhesive Type	Liner Type	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 180° on Steel (N/cm)	Tensile Strength (N/cm)	Elongation at break (%)	Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
A2.046	S	Pure acrylic	Monosiliconized paper	40	100	6,0	40	5%	-50/+150	1000	50
A2.150	S	Pure acrylic	Monosiliconized paper	150	240	8,5	90	6%	-50/+150	1000	50
A2.300	S	Pure acrylic	Monosiliconized paper	300	410	11,5	180	20%	-50/+150	1000	50



# PE FOAM TAPES

Product	Colour	Adhesive Type	Liner Type	Liner Colour	Backing Thickness (µm)	Total Thickness (µm)	Peel Adhesion at 90° on Steel (N/cm)	Temperature Resistance (°C)	Short Time Temperature Resistance (°C)	Standard Width (mm)	Standard Length (m)
2108	B	Modified acrylic	Bi-siliconized paper	Avana	3000	3100	4,0	-30/+90	120	1500	16,5
2108 PPB	B	Modified acrylic	Bi-siliconized PP film	Blue	3000	3100	4,0	-30/+90	120	1500	16,5
2109	B	Modified acrylic	Bi-siliconized PE film	Green	3000	3100	4,0	-30/+90	120	1500	16,5
2110	B	Modified acrylic	Bi-siliconized paper	White	1000	1100	9,0	-30/+90	120	1500	66
2111	B	Modified acrylic	Bi-siliconized PP film	Blue	1000	1100	9,0	-30/+90	120	1500	66
2116	B	Modified acrylic	Bi-siliconized paper	Green	1500	1600	7,5	-30/+90	120	1500	33
2117	B	Modified acrylic	Bi-siliconized PP film	Blue	1500	1600	7,5	-30/+90	120	1500	33
2130	B	Modified acrylic	Bi-siliconized paper	Brown	800	900	5,0	-30/+90	120	1000	66
2131	B	Modified acrylic	Bi-siliconized PE film	Yellow	800	900	4,0	-30/+90	120	1000	66
2132	B	Modified acrylic	Bi-siliconized paper	Green	800	900	9,0	-30/+90	120	1220	66
2133	B	Modified acrylic	Bi-siliconized PE film	Green	800	900	9,0	-30/+90	120	1220	66
2134	B	Modified acrylic	Bi-siliconized PP film	Blue	800	900	9,0	-30/+90	120	1220	66
2135	B	Modified acrylic	Bi-siliconized paper	Brown	800	900	9,0	-30/+90	120	1220	66
2136	B	Modified acrylic	Bi-siliconized paper	White	800	900	9,0	-30/+90	120	1220	66
2150	W	Modified acrylic	Bi-siliconized paper	White	500	600	3,0	-30/+90	120	1000	66
2203	B	Modified acrylic	Bi-siliconized paper	Brown	500	600	6,0	-30/+90	120	1000	66
2205	B	Modified acrylic	Bi-siliconized PE film	Yellow	500	600	3,0	-30/+90	120	1000	66
8902	W	Modified acrylic	Bi-siliconized paper	White	2000	2100	3,5	-30/+90	120	1500	25
8908	W	Removable / Modified acrylic	Bi-siliconized paper	Avana	1000	1100	0,5 / 5,0	-30/+90	120	1500	66
8909	W	Modified acrylic	Bi-siliconized PP film	Blue	1000	1100	10,0	-30/+90	120	1500	66
8910	W	Modified acrylic	Bi-siliconized paper	White	1000	1100	9,0	-30/+90	120	1500	66
8911	W	Modified acrylic	Bi-siliconized paper	Avana	1000	1100	9,0	-30/+90	120	1500	66
8913	W	Modified acrylic	Bi-siliconized paper	White	3000	3100	3,5	-30/+90	120	1500	16,5
8914	W	Modified acrylic	Bi-siliconized paper	White	1000	1100	9,0	-30/+90	120	1500	66
8914 PPB	W	Modified acrylic	Bi-siliconized PP film	Blue	1000	1100	9,0	-30/+90	120	1500	66
8915	W	Modified acrylic	Bi-siliconized PE film	Green	800	900	9,0	-30/+90	120	1220	66
8916	W	Modified acrylic	Bi-siliconized paper	White	1500	1600	7,0	-30/+90	120	1500	33
8916 PPB	W	Modified acrylic	Bi-siliconized PP film	Blue	1500	1600	7,0	-30/+90	120	1500	33
8917	W	Modified acrylic	Bi-siliconized PE film	Green	1500	1600	7,0	-30/+90	120	1500	33
8918	W	Modified acrylic	Bi-siliconized PP film	Blue	800	900	9,0	-30/+90	120	1220	66
8919	W	Modified acrylic	Bi-siliconized paper	White	800	900	9,0	-30/+90	120	1220	66
8920	W	Synthetic Rubber	Bi-siliconized paper	Avana	800	900	10,0	-10/+70	100	1220	66
8921	W	Synthetic Rubber	Bi-siliconized paper	White	800	900	10,0	-10/+70	100	1220	66
8922	W	Synthetic Rubber	Bi-siliconized paper	Avana	1500	1600	9,0	-10/+70	100	1500	33
8923	W	Synthetic Rubber	Bi-siliconized paper	White	1500	1600	9,0	-10/+70	100	1500	33
8930	W	Synthetic Rubber	Bi-siliconized paper	White	1000	1100	10,0	-10/+70	100	1500	66
8932	W	Synthetic Rubber	Bi-siliconized paper	White	2000	2100	3,5	-10/+70	100	1500	25
8933	W	Synthetic Rubber	Bi-siliconized paper	Avana	3000	3100	4,0	-10/+70	100	1500	16,5
8934	W	Synthetic Rubber	Bi-siliconized paper	White	3000	3100	4,0	-10/+70	100	1500	16,5

## Colour LEGEND

A = Avana B = Black Bg = Beige Bl = Blue LBl = Light Blue Br = Brown Cl = Clear C = Copper Cr = Cream G = Green Gr = Grey I = Ivory Nat = Natural  
O = Orange R = Red S = Silver Tr = Translucent W = White Y = Yellow Sun Y = Sun Yellow \* = on demand



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