CHASE
Wire & Cable Materials

Chase & Sons®
Chase BIH$_2$Ock®

Wire & Cable Materials

Since 1946, Chase Corporation has been the Wire & Cable industry's reliable source for cable tapes and sealants, operating under the well known brand names of **Chase & Sons®** and **Chase BIH$_2$Ock®**. Chase is recognized as a leading manufacturer of protective materials for high reliability applications throughout the world.

Chase provides a wide range of cable design solutions used extensively in the power transmission, industrial and communications markets to insulate, bind and shield wire and cable. Our product line comprises coated and uncoated fabrics both woven and non-woven. We also provide paper, film and multi-ply laminates that include aluminum or copper foils. Our customers use our technically advanced tapes and sealants to enhance the performance of their products and protect them against adverse environmental conditions.

Products Offered

EMI / RFI Shielding Tapes

Film / Foil Laminates
Foil / Film / Foil Laminates
Foil Free Edge Laminates
Heat Sealable Products

Core Wrap / Separator Tapes

Films

Heat / Flame Barrier Tapes

Coated Fabrics
Fiberglass Laminates

Service Entrance Tapes

Fiberglass Scrim Laminates

Semi-Conductive Tapes

Insulation Shield Products
Strand Shield Products

Strand Fill Compound

Chase BIH$_2$Ock®

Binder / Bedding Tapes

Fabrics
Coated Fabrics

CATV Tapes

Foil / Film / Foil Laminates

Chase Wire & Cable Materials manufacturing facilities are located in Massachusetts, Pennsylvania, and North Carolina, USA.

Primary Markets

We make a material difference to companies serving these markets:

- Electronics and Communications
- Building Wire
- Power Transmission
- High Voltage
- Marine
- Industrial
- Mining
- Oil and Gas

Contact Us

Let our team help you with all your taping needs. We look forward to helping you find the best tape solutions that meet your specific needs and enhance the performance of your products.

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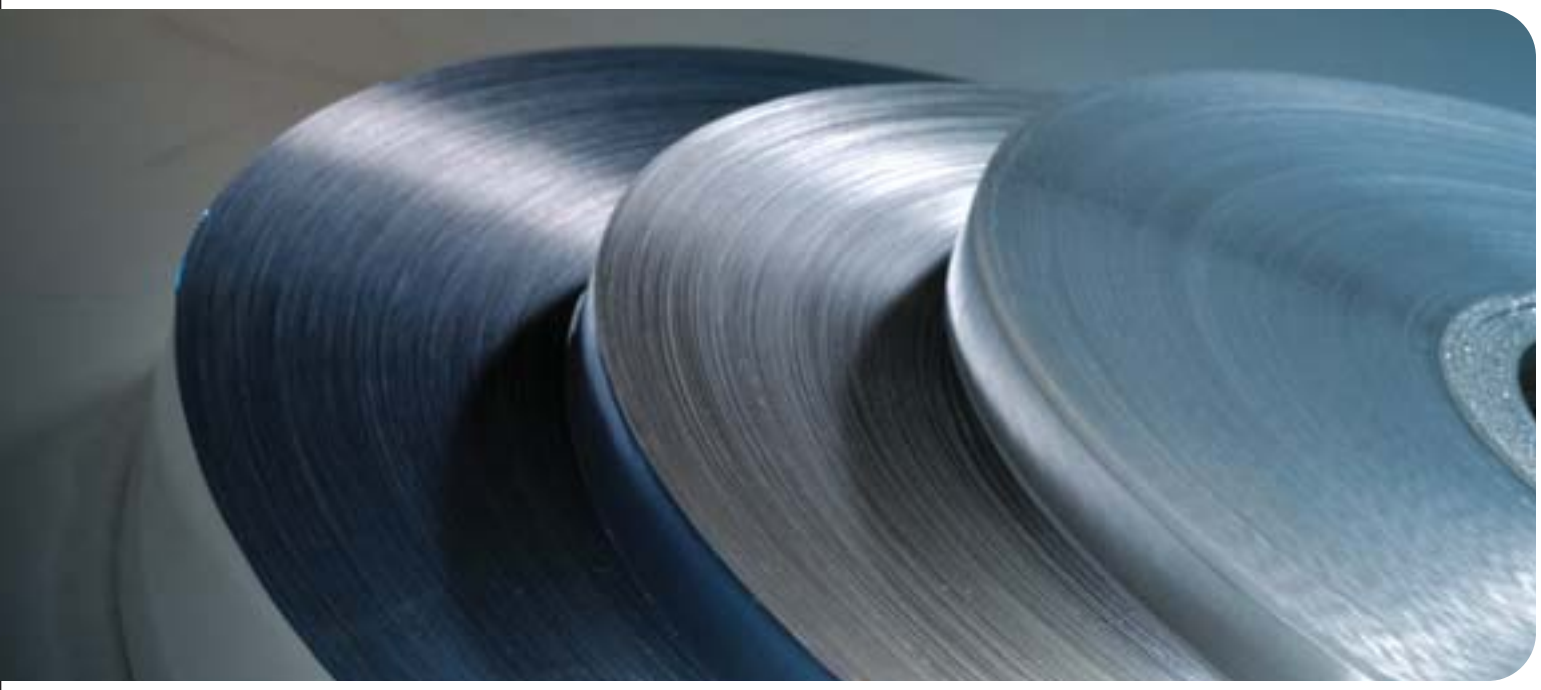
CHASE Corporation

We make a material difference

CHASE
Wire & Cable Materials



Product Matrix

We have included a cross-section of Chase Wire and Cable Materials in this book. These samples represent the various types of products that make up the Chase & Sons® wire and cable product offerings. If you do not see a product solution for your specific needs, we would be happy to work with you to develop a new product or modify an existing one. In addition, if you do not see a sample of an established product that is listed in our Product Data Matrix, or if you need additional sample material, please contact us and we will send it to you.

Product updates are available on our website at www.chasecorp.com

EMI / RFI Shielding Tapes

Film / Foil Laminates

US Customary

Product	Construction	Thickness (in)	Yield (yd^2/lb)	Weight (lb/mft @ 1" width)	Break Strength (lbs/1" width)	Elongation (%)
LG1195	.001" BOPP / .00035" Al	0.00145	11.1	0.83	18	100
LG1001	.0005" PET / .00035" Al	0.00090	12.8	0.72	17	75
LG1001SL*	.0005" PET / .00035" Al	0.00090	12.8	0.72	17	75
LG1080	.00075" PET / .00035" Al	0.00110	10.6	0.87	25	80
LG1080SL*	.00075" PET / .00035" Al	0.00115	10.3	0.90	25	75
LG1055	.001" PET / .00035" Al	0.00130	9.3	0.99	28	90
LG1059	.001" PET / .00035" Al	0.00135	9.0	1.03	28	85
LG1069	.001" PET / .00035" Al	0.00130	9.3	0.99	30	95
LG1069SL*	.001" PET / .00035" Al	0.00135	9,2	1.01	28	95
LG975	.002" PET / .00035" Al	0.00250	5.6	1.67	55	110
LG1156	.002" PET / .00035" Al	0.00245	5.7	1.62	55	110
LG1047	.001" PET / .001" Al	0.00200	5.3	1.76	28	36
LG1049	.001" PET / .001" Al	0.00200	5.3	1.75	28	36
LG1203	.002" PET / .001" Al	0.00305	3.8	2.41	40	75
LG1031	.001" PET / .002" Al	0.00300	3.1	2.94	37	20
L1132	.001" PET / .0007" Cu	0.00170	2.8	3.35	35	20

Foil / Film / Foil Laminates

US Customary

Product	Construction	Thickness (in)	Yield (yd^2/lb)	Weight (lb/mft @1" width)	Break Strength (lbs/1" width)	Elongation (%)
LG1204	.00035" Al / .0009" BOPP / .00035" Al	0.00170	8.0	1.16	26	60
LG1200	.00035" Al / .0009" BOPP / .00035" Al / .0009" HFF	0.00270	6.0	1.54	36	60
LG926	.00035" Al / .001" PET / .00035" Al	0.00170	6.7	1.39	34	110
LG926SL*	.00035" Al / .001" PET / .00035" Al	0.00170	6.6	1.41	35	109
L1142	.001" Al / .001" PET / .001" Al	0.00300	3.1	3.01	38	16

* SL (SLick) denotes a dry lubricant coating has been applied to the foil side (1-side only on Foil / Film / Foil laminates).

EMI / RFI Shielding Tapes Continued

Foil Free Edge Laminates

US Customary

Product	Construction	Thickness (in)	Yield* (yd^2/lb)	Weight* (lb/mft @ 1/2" width)	Break Strength (lbs/1" width)	Elongation (%)
FF5500 Series	.0005" PET / .0006" HSPET / .00035" Al	0.00150	10.4	0.45	25	90
FF8500 Series	.00075" PET / .0006" HSPET / .00035" Al	0.00180	8.8	0.53	30	90
FF1500 Series	.001" PET / .0006" HSPET / .00035" Al	0.00190	8.0	0.58	35	100
FF2531 Series	.002" PET / .0006" HSPET / .00035" Al	0.00295	5.2	0.90	60	120
FF2100 Series	.002" PET / .0008" HSPET / .001" Al	0.00380	3.8	1.23	70	120
FF2268 Series	.001" PET / .0008" HSPET / .0007" Cu	0.00255	3.5	4.01	62	26

*Value will vary depending on Foil vs FF Film widths. Listed data is for 0.375" Foil width x 0.5" FF Film width except for FF 2268 which is 1.0" Foil width x 1.5" FF Film width. Data for other common Foil/FF Film widths on the Technical Data Sheets

Heat Sealable Laminates

US Customary

Product	Construction	Thickness (in)	Yield (yd^2/lb)	Weight (lb/mft @ 1" width)	Break Strength (lbs/1" width)	Elongation (%)
LG1001HS	.0006" HSPET / .00035" Al	0.00100	12.5	0.74	17	75
LG1047HS	.0008" HSPET / .001" Al	0.00185	5.3	1.73	20	15
LG1200	.00035" Al / .0009" BOPP / .00035" Al / .0009" HFF	0.00270	6.0	1.54	36	60

EMI / RFI Shielding Tapes

Film / Foil Laminates — Metric

Product	Construction	Thickness (mm)	Yield (m^2/kg)	Weight (kg/km@ 10mm width)	Break Strength (N/10mm width)	Elongation (%)
LG1195	25µ BOPP / 9µ Al	0.037	20.4	0.49	32	100
LG1001	12µ PET / 9µ Al	0.023	23.6	0.42	30	75
LG1001SL*	12µ PET / 9µ Al	0.023	23.6	0.42	30	75
LG1080	19µ PET / 9µ Al	0.028	19.6	0.51	44	80
LG1080SL*	19µ PET / 9µ Al	0.029	19.0	0.53	44	75
LG1055	25µ PET / 9µ Al	0.033	17.2	0.58	49	90
LG1059	25µ PET / 9µ Al	0.034	16.6	0.60	49	85
LG1069	25µ PET / 9µ Al	0.033	17.2	0.58	53	95
LG1069SL*	25µ PET / 9µ Al	0.034	16.9	0.59	49	95
LG975	51µ PET / 9µ Al	0.064	10.2	0.98	96	110
LG1156	51µ PET / 9µ Al	0.062	10.5	0.95	96	110
LG1047	25µ PET / 25µ Al	0.051	9.7	1.03	49	36
LG1049	25µ PET / 25µ Al	0.051	9.7	1.03	49	36
LG1203	51µ PET / 25µ Al	0.077	7.1	1.41	70	75
LG1031	25µ PET / 51µ Al	0.076	5.8	1.73	65	20
L1132	25µ PET / 18µ Cu	0.043	5.1	1.97	61	20

Foil / Film / Foil Laminates — Metric

Product	Construction	Thickness (mm)	Yield (m^2/kg)	Weight (kg/km@ 10mm width)	Break Strength (N/10mm width)	Elongation (%)
LG1204	9µ Al / 23µ BOPP / 9µ Al	0.043	14.7	0.68	46	60
LG1200	9µ Al / 23µ BOPP / 9µ Al / 23µ HFF	0.069	11.0	0.90	63	60
LG926	9µ Al / 25µ PET / 9µ Al	0.043	12.3	0.81	60	110
LG926SL*	9µ Al / 25µ PET / 9µ Al	0.043	12.1	0.82	61	109
L1142	25µ Al / 25µ PET / 25µ Al	0.076	5.7	1.76	67	16

* SL (SLick) denotes a dry lubricant coating has been applied to the foil side (1-side only on Foil / Film / Foil laminates).

EMI / RFI Shielding Tapes Continued

Foil Free Edge Laminates — Metric

Product	Construction	Thickness (mm)	Yield* (m^2/kg)	Weight* (kg/km @ 12.7mm width)	Break Strength (N/10mm width)	Elongation (%)
FF5500 Series	12µ PET / 15µ HSPET / 9µ Al	0.038	19.1	0.67	44	90
FF8500 Series	19µ PET / 15µ HSPET / 9µ Al	0.046	16.1	0.79	53	90
FF1500 Series	25µ PET / 15µ HSPET / 9µ Al	0.048	14.7	0.86	61	100
FF2531 Series	51µ PET / 15µ HSPET / 9µ Al	0.075	9.5	1.34	105	120
FF2100 Series	51µ PET / 20µ HSPET / 25µ Al	0.097	6.9	1.83	123	120
FF2268 Series	25µ PET / 20µ HSPET / 18µ Cu	0.065	6.4	5.98	109	26

*Value will vary depending on Foil vs FF Film widths. Listed data is for 9.53mm Foil width x 12.7mm FF Film width except for FF 2268 which is 25.4mm Foil width x 38.1mm FF Film width. Data for other common Foil/FF Film widths on the Technical Data Sheets

Heat Sealable Laminates — Metric

Product	Construction	Thickness (mm)	Yield (m^2/kg)	Weight (kg/km @ 10mm width)	Break Strength (N/10mm width)	Elongation (%)
LG1001HS	15µ HSPET / 9µ Al	0.025	23.0	0.43	30	75
LG1047HS	20µ HSPET / 25µ Al	0.047	9.8	1.01	35	15
LG1200	9µ Al / 23µ BOPP / 9µ Al / 23µ HFF	0.069	11.0	0.90	63	60

Core Wrap / Separator Tapes

Films

US Customary

Product	Materials	Thickness (in)	Yield (yd^2/lb)	Weight (lb/mft @ 1" width)	Break Strength (lbs/1" width)	Elongation (%)
C971.0005	Clear PET	0.00050	32.3	0.28	10	75
C971.00075	Clear PET	0.00075	20.5	0.45	18	50
C971.001	Clear PET	0.00100	15.6	0.59	20	90
C971.0015	Clear PET	0.00150	10.8	0.85	26	90
C971.002	Clear PET	0.00200	7.8	1.18	40	90
C971.003	Clear PET	0.00300	5.2	1.78	55	90
C971.004	Clear PET	0.00400	3.9	2.37	70	90
C971.005	Clear PET	0.00500	3.1	2.98	90	90
CR142	Corrugated PET	0.00850	11.2	0.82	40	95
CR200	Corrugated PET	0.00950	8.1	1.15	52	115
CR300	Corrugated PET	0.00950	5.3	1.75	70	140
C1033	Translucent PET	0.00092	16.9	0.55	17	70
C1018.00075	White PET	0.00075	19.6	0.47	19	125
C1018.00092	White PET	0.00092	16.7	0.55	22	100
C1029.00075	White PET	0.00075	19.6	0.47	19	125
C1029.00092	White PET	0.00092	16.7	0.55	22	100
C1017	White PET	0.00200	7.6	1.21	40	100
C1034	Clear Polyphenylene Sulfide	0.00100	16.1	0.57	40	60
C1024.0015	Translucent Polypropylene	0.00150	15.5	0.59	50	15
C1024.002	Translucent Polypropylene	0.00200	11.9	0.77	70	15
C1024.0026	Translucent Polypropylene	0.00260	9.6	0.96	88	15
C1024.003	Translucent Polypropylene	0.00300	7.9	1.17	100	15
C1021	White Polypropylene	0.00500	8.5	1.08	75	25

Core Wrap / Separator Tapes

Films

Metric

Product	Materials	Thickness (mm)	Yield (m^2/kg)	Weight (kg/km @ 10mm width)	Break Strength N/10mm width)	Elongation (%)
C971.0005	Clear PET	0.013	59.4	0.17	17	75
C971.00075	Clear PET	0.019	37.6	0.27	31	50
C971.001	Clear PET	0.025	28.8	0.35	35	90
C971.0015	Clear PET	0.038	20.0	0.50	45	90
C971.002	Clear PET	0.051	14.4	0.70	69	90
C971.003	Clear PET	0.076	9.6	1.04	95	90
C971.004	Clear PET	0.102	7.2	1.39	121	90
C971.005	Clear PET	0.127	5.7	1.75	156	90
CR142	Corrugated PET	0.216	20.7	0.48	70	95
CR200	Corrugated PET	0.241	14.8	0.67	91	115
CR300	Corrugated PET	0.241	9.7	1.02	123	140
C1033	Translucent PET	0.023	31.2	0.32	30	70
C1018.00075	White PET	0.019	36.1	0.28	33	125
C1018.00092	White PET	0.023	30.7	0.33	38	100
C1029.00075	White PET	0.019	36.1	0.28	33	125
C1029.00092	White PET	0.023	30.7	0.33	38	100
C1017	White PET	0.051	14	0.71	70	100
C1034	Clear Polyphenylene Sulfide	0.025	29.7	0.34	70	60
C1024.0015	Translucent Polypropylene	0.038	27.9	0.36	87	15
C1024.002	Translucent Polypropylene	0.051	21.9	0.46	121	15
C1024.0026	Translucent Polypropylene	0.066	16.7	0.60	152	15
C1024.003	Translucent Polypropylene	0.076	14.5	0.69	173	15
C1021	White Polypropylene	0.127	15.7	0.63	131	25

Heat & Flame Barrier Tapes

Coated Fabrics

US Customary

Product	Base	Coating	Thickness (in)	Yield (yd^2/lb)	Weight (lb/mft @ 1" width)	Break Strength (lbs/1" width)
S203	Glass Fabric	Silicone Impregnated	0.00410	5.0	1.85	120
S208A	Nomex® Fabric	Acrylic Impregnated	0.00400	6.3	1.48	35
S378	Glass Fabric	Silicone Impregnated	0.00750	2.4	3.89	145
S384	Glass Fabric	Neoprene Impregnated	0.00600	2.8	3.29	150
S384D	Glass Fabric	Neoprene Impregnated	0.00600	2.8	3.29	150
CP120	Glass Fabric	Mica coated 1-side	0.00400	4.5	2.05	38

Fiberglass Scrim Laminates

US Customary

Product	Construction	Thickness (in)	Yield (yd^2/lb)	Break Strength (lbs/1" width)
L1068 5/5	.005" Delta Glasspak / Fiberglass Scrim / .005" Delta Glasspak	0.01200	3.9	65
L1068 5/7	.005" Delta Glasspak / Fiberglass Scrim / .007" Delta Glasspak	0.01400	3.7	65
L1068 7/7	.007" Delta Glasspak / Fiberglass Scrim / .007" Delta Glasspak	0.01500	3.3	65
L1068 9/9	.009" Delta Glasspak / Fiberglass Scrim / .009" Delta Glasspak	0.01900	3.0	65

Service Entrance Tapes

Fiberglass Scrim Laminates

US Customary

Product	Construction	Thickness (in)	Yield (yd^2/lb)	Weight (lb/mft @ 1" width)	Break Strength (lbs/1" width)
L962-100C	.001" PET Film/Glass Scrim (Clear Topcoat)	0.00550	5.7	1.62	125
L962-100CB	.001" PET Film/Glass Scrim (Black Topcoat)	0.00550	5.7	1.62	125
L962-100CBP	.001" BOPP Film/Glass Scrim (Black Topcoat)	0.00550	6.1	1.53	100
L962-200CB	.002" PET Film/Glass Scrim (Black Topcoat)	0.00650	4.0	2.31	125
L962-50	.0005" PET Film/Glass Scrim	0.00450	7.4	1.25	80
L962-50C	.0005" PET Film/Glass Scrim (Clear Topcoat)	0.00500	6.7	1.39	100
L962-50HY	.0005" PET Film/Glass Scrim (Hi Yield Topcoat)	0.00500	6.9	1.34	100
L962-50P	.0006" BOPP Film/Glass Scrim (Clear Topcoat)	0.00400	7.7	1.20	75

Heat & Flame Barrier Tapes

Coated Fabrics — Metric

Product	Base	Coating	Thickness (mm)	Yield (m²/kg)	Weight (kg/km @ 10mm width)	Break Strength (N/10mm width)
S203	Glass Fabric	Silicone Impregnated	0.104	9.2	1.09	210
S208A	Nomex® Fabric	Acrylic Impregnated	0.102	11.5	0.87	61
S378	Glass Fabric	Silicone Impregnated	0.191	4.4	2.29	254
S384	Glass Fabric	Neoprene Impregnated	0.152	5.2	1.93	263
S384D	Glass Fabric	Neoprene Impregnated	0.152	5.2	1.93	263
CP120	Glass Fabric	Mica coated 1-side	0.102	8.3	1.2	66

Fiberglass Scrim Laminates — Metric

Product	Construction	Thickness (mm)	Yield (m²/kg)	Break Strength (N/10mm width)
L1068 5/5	127µ Delta Glasspak / Fiberglass Scrim / 127µ Delta Glasspak	0.305	7.1	114
L1068 5/7	127µ Delta Glasspak / Fiberglass Scrim / 178µ Delta Glasspak	0.356	6.8	114
L1068 7/7	178µ Delta Glasspak / Fiberglass Scrim / 178µ Delta Glasspak	0.381	6.1	114
L1068 9/9	229µ Delta Glasspak / Fiberglass Scrim / 229µ Delta Glasspak	0.483	5.6	114

Service Entrance Tapes

Fiberglass Scrim Laminates — Metric

Product	Construction	Thickness (mm)	Yield (m²/kg)	Weight (kg/km @ 10mm width)	Break Strength (N/10mm width)
L962-100C	25µ PET Film/Glass Scrim (Clear Topcoat)	0.140	10.5	0.95	219
L962-100CB	25µ PET Film/Glass Scrim (Black Topcoat)	0.140	10.5	0.95	219
L962-100CBP	25µ BOPP Film/Glass Scrim (Black Topcoat)	0.140	11.2	0.90	175
L962-200CB	51µ PET Film/Glass Scrim (Black Topcoat)	0.165	7.4	1.36	219
L962-50	12µ PET Film/Glass Scrim	0.114	13.6	0.73	140
L962-50C	12µ PET Film/Glass Scrim (Clear Topcoat)	0.127	12.3	0.82	175
L962-50HY	12µ PET Film/Glass Scrim (Hi Yield Topcoat)	0.127	12.7	0.79	175
L962-50P	15µ BOPP Film/Glass Scrim (Clear Topcoat)	0.102	14.2	0.71	131

Semi-Conductive Tapes

Insulation Shield Products — US Customary

Product	Base	Coating	Thickness (in)	Yield (yd^2/lb)	Weight (lb/mft @ 1" width)	Break Strength (lbs/1" width)
C7053	Nylon Fabric	1-side Butyl / 1side Acrylic	0.01000	2.0	4.63	70
C7241	Nylon Fabric	1-side Butyl / 1side Acrylic	0.01000	2.0	4.63	70
C7413	Nylon Fabric	1-side EPDM-Butyl / 1side Acrylic	0.01000	2.0	4.54	80
S469R	Nylon Fabric	2 -side SBR modified Acrylic	0.00600	2.1	4.41	70

Strand Shield Products — US Customary

Product	Base	Coating	Thickness (in)	Yield (yd^2/lb)	Weight (lb/mft @ 1" width)	Break Strength (lbs/1" width)
L79	Polyester Fabric	Acrylic Co-polymer Impregnated	0.00400	6.5	1.44	70
S208A	Nomex® Fabric	Acrylic Co-polymer Impregnated	0.00400	6.3	1.48	35
S333	Nylon Fabric	2-side Modified Acrylic	0.00600	5.0	1.85	70
S333K	Nylon Fabric	2-side Nitrile modified Acrylic	0.00600	4.4	2.08	70
S333PNS	Nylon Fabric	2-side Modified Acrylic	0.00600	4.9	1.90	70
S379	Nylon Fabric	2-side Modified Acrylic	0.00800	3.3	2.78	90
S379L	Polyester Fabric	2-side Modified Acrylic	0.00800	3.8	2.41	90
S379P	Polyester Fabric	2-side Modified Acrylic	0.00800	3.1	2.96	90

CHASE BIH_2Ock® — US Customary

Product	Material	Specific Gravity (g/cc)	Resistivity (Ω)	Melt Index (g/10min @ 150ºC)
A162A	Semi-conductive Butyl Mastic	1.17	5000 max	35—70

Semi-Conductive Tapes

Insulation Shield Products — Metric

Product	Base	Coating	Thickness (mm)	Yield (m^2/kg)	Weight (kg/km @ 10mm width)	Break Strength (N/10mm width)
C7053	Nylon Fabric	1-side Butyl / 1side Acrylic	0.254	3.7	2.72	123
C7241	Nylon Fabric	1-side Butyl / 1side Acrylic	0.254	3.7	2.72	123
C7413	Nylon Fabric	1-side EPDM-Butyl / 1side Acrylic	0.254	3.8	2.66	140
S469R	Nylon Fabric	2 -side SBR modified Acrylic	0.152	3.9	2.58	123

Strand Shield Products — Metric

Product	Base	Coating	Thickness (mm)	Yield (m^2/kg)	Weight (kg/km @ 10mm width)	Break Strength (N/10mm width)
L79	Polyester Fabric	Acrylic Co-polymer Impregnated	0.102	11.9	0.84	123
S208A	Nomex® Fabric	Acrylic Co-polymer Impregnated	0.102	11.5	0.87	61
S333	Nylon Fabric	2-side Modified Acrylic	0.152	9.2	1.08	123
S333K	Nylon Fabric	2-side Nitrile modified Acrylic	0.152	8.2	1.22	123
S333PNS	Nylon Fabric	2-side Modified Acrylic	0.152	9.0	1.11	123
S379	Nylon Fabric	2-side Modified Acrylic	0.203	6.1	1.63	158
S379L	Polyester Fabric	2-side Modified Acrylic	0.203	7.1	1.41	158
S379P	Polyester Fabric	2-side Modified Acrylic	0.203	5.8	1.74	158

CHASE BIH_2Ock® — Metric

Product	Material	Specific Gravity (g/cc)	Resistivity (Ω)	Melt Index (g/10min @ 150°C)
A162A	Semi-conductive Butyl Mastic	1.17	5000 max	35—70

Binder / Bedding Tapes

Fabrics / Coated Fabrics

US Customary

Product	Base	Coating	Thickness (in)	Yield (yd^2/lb)	Weight (lb/mft @ 1" width)	Break Strength (lbs/1" width)
CP100	Nylon Fabric	None	0.00410	10.0	0.93	70
S258	Nylon Fabric	2-side Neoprene	0.00500	4.8	1.94	80
S259	Nylon Fabric	1-side Neoprene	0.00500	6.3	1.48	80
S259T	Nylon Fabric	1-side Neoprene	0.00500	6.3	1.48	75
S260	Polycotton Fabric	1-side SBR	0.01100	3.8	2.41	45
S261	Polycotton Fabric	2-side SBR	0.01100	2.9	3.24	50
S262	Polycotton Fabric	1-side SBR	0.01100	2.9	3.24	50
S344	Polycotton Fabric	1-side Neoprene	0.01100	4.0	2.31	45
S352	Cotton Fabric	1-side Neoprene	0.01750	2.3	4.07	80
S439	Polyester Fabric	1-side SBR	0.00750	3.8	2.41	110
S439N	Nylon Fabric	1-side SBR	0.00550	4.8	1.94	65
S440	Polyester Fabric	1-side SBR	0.00850	2.5	3.70	125
S441	Polyester Fabric	2-side SBR	0.00850	2.7	3.47	110

CATV Tapes

Foil / Film / Foil Laminates

US Customary

Product	Construction	Thickness (in)	Yield (yd^2/ lb)	Weight (lb/mft @ 1" width)	Break Strength (lbs/1" width)	Elongation (%)
LG926	.00035" Al / .001" PET / .00035" Al	0.00170	6.7	1.39	34	110
LG1204	.00035" Al / .0009" BOPP / .00035" Al	0.00170	8.0	1.16	26	60
LG1200	.00035" Al / .0009" BOPP / .00035" Al / .0009" HFF	0.00270	6.0	1.54	36	60
L1142	.001" Al / .001" PET / .001" Al	0.00300	3.1	3.01	38	16

Binder / Bedding Tapes

Fabrics / Coated Fabrics — Metric

Product	Base	Coating	Thickness (mm)	Yield (m^2/kg)	Weight (kg/km @ 10mm width)	Break Strength (N/10mm width)
CP100	Nylon Fabric	None	0.104	18.4	0.54	123
S258	Nylon Fabric	2-side Neoprene	0.127	8.8	1.14	140
S259	Nylon Fabric	1-side Neoprene	0.127	11.5	0.87	140
S259T	Nylon Fabric	1-side Neoprene	0.127	11.5	0.87	131
S260	Polycotton Fabric	1-side SBR	0.279	7.1	1.41	79
S261	Polycotton Fabric	2-side SBR	0.279	5.3	1.90	88
S262	Polycotton Fabric	1-side SBR	0.279	5.3	1.90	88
S344	Polycotton Fabric	1-side Neoprene	0.279	7.4	1.36	79
S352	Cotton Fabric	1-side Neoprene	0.445	4.2	2.39	140
S439	Polyester Fabric	1-side SBR	0.191	7.1	1.41	193
S439N	Nylon Fabric	1-side SBR	0.140	8.8	1.14	114
S440	Polyester Fabric	1-side SBR	0.216	4.6	2.17	219
S441	Polyester Fabric	2-side SBR	0.216	4.9	2.03	193

CATV Tapes

Foil / Film / Foil Laminates — Metric

Product	Construction	Thickness (mm)	Yield (m^2/kg)	Weight (kg/km @ 10mm width)	Break Strength (N/10mm width)	Elongation (%)
LG926	9µ Al / 25µ PET / 9µ Al	0.043	12.3	0.81	60	110
LG1204	9µ Al / 23µ BOPP / 9µ Al	0.043	14.7	0.68	46	60
LG1200	9µ Al / 23µ BOPP / 9µ Al / 23µ HFF	0.069	11.0	0.90	63	60
L1142	25µ Al / 25µ PET / 25µ Al	0.076	5.7	1.76	67	16

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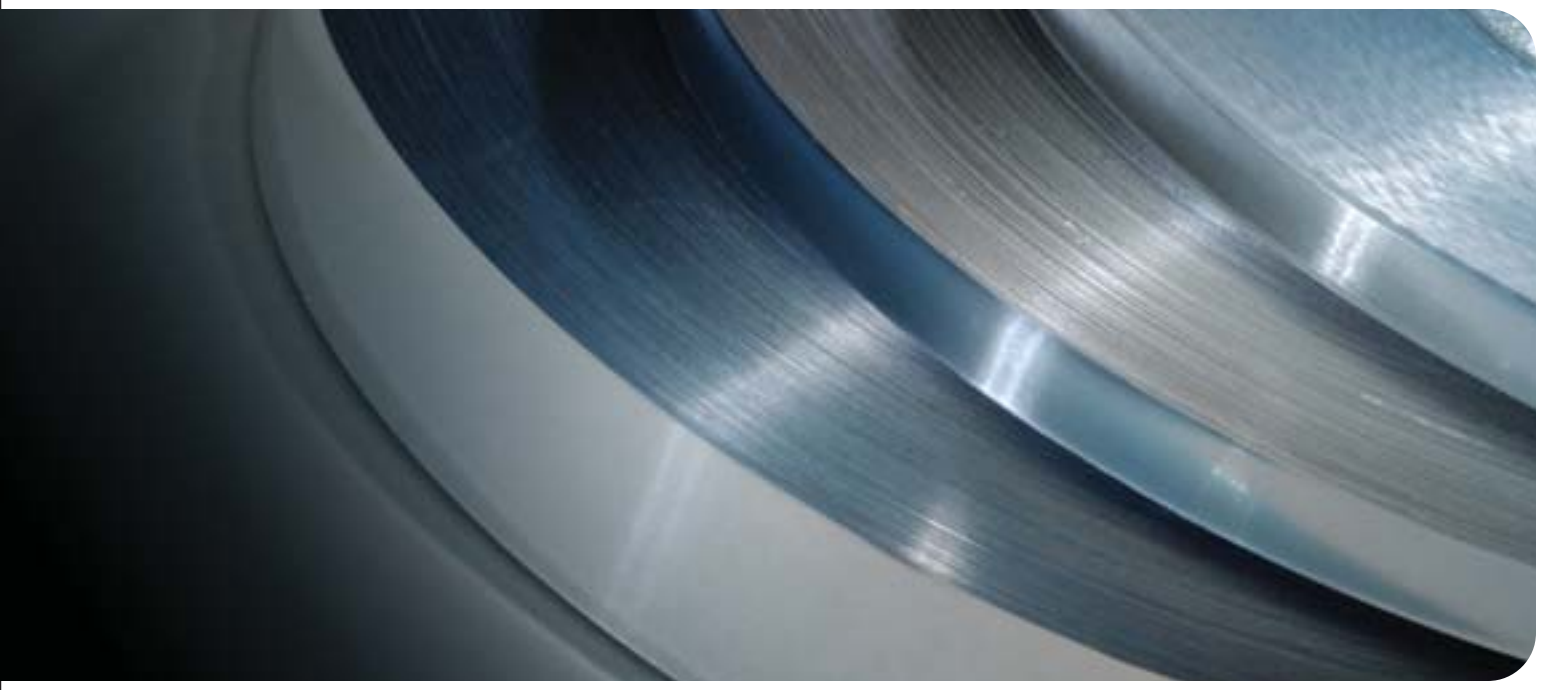

EMI / RFI Shielding Tapes

Chase EMI / RFI Shielding Tape Categories

Film / Foil Laminates
Foil / Film / Foil Laminates
Foil Free Edge Laminates
Heat Sealable Products

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PRODUCT
DATA SHEET

Chase & Sons® LG1195
Shielding Tape

CONSTRUCTION

0.00100" (25µ) Polypropylene Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1195 is a laminate of polypropylene film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00145"	0.037 mm	ASTM D374
Weight	9.0 lb/csy	48.9 g/m²	Measured
Yield	11.1 sy/lb 0.83 lbs/mft @ 1" width	20.4 m²/kg 0.49 kg/km @ 10mm width	Calculated
Tensile Strength	12500 psi	86 MPa	Calculated
Break Strength	18 lbs/1" width	32 N/10mm width	ASTM D882
Elongation	100%	100%	ASTM D882
Density		1.33 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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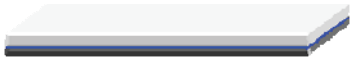
PRODUCT DATA SHEET

Chase & Sons® LG1001 Shielding Tape

CONSTRUCTION

0.00050" (12µ) Polyester Film
0.00035" (9µ) Aluminum Foil



DESCRIPTION

Chase & Sons® LG1001 is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00090"	0.023 mm	ASTM D374
Weight	7.8 lb/csy	42.4 g/m²	Measured
Yield	12.8 sy/lb 0.72 lbs/mft @ 1" width	23.6 m²/kg 0.42 kg/km @ 10mm width	Calculated
Tensile Strength	19000 psi	131 MPa	Calculated
Break Strength	17 lbs/1" width	30 N/10mm width	ASTM D882
Elongation	75%	75%	ASTM D882
Density		1.86 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue (Clear, Green, Red and Gold available by special order)
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT DATA SHEET

Chase & Sons® LG1001SL Shielding Tape

CONSTRUCTION

0.00050" (12µ) Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1001SL is a laminate of polyester film, aluminum foil, and a dry lubricant coating on the foil side intended for use as a shielding tape in applications of high speed folding and wrapping.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00090"	0.023 mm	ASTM D374
Weight	7.8 lb/csy	42.4 g/m²	Measured
Yield	12.8 sy/lb 0.72 lbs/mft @ 1" width	23.6 m²/kg 0.42 kg/km @ 10mm width	Calculated
Tensile Strength	19000 psi	131 MPa	Calculated
Break Strength	17 lbs/1" width	30 N/10mm width	ASTM D882
Elongation	75%	75%	ASTM D882
Density		1.86 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue (Clear, Green, Red and Gold available by special order)
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT DATA SHEET

Chase & Sons® LG1080 Shielding Tape

CONSTRUCTION

0.00075" (19µ) Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1080 is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00110"	0.028 mm	ASTM D374
Weight	9.4 lb/csy	51.0 g/m²	Measured
Yield	10.6 sy/lb 0.87 lbs/mft @ 1" width	19.6 m²/kg 0.51 kg/km @ 10mm width	Calculated
Tensile Strength	22500 psi	155 MPa	Calculated
Break Strength	25 lbs/1" width	44 N/10mm width	ASTM D882
Elongation	80%	80%	ASTM D882
Density		1.83 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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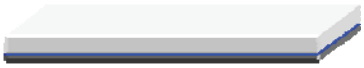
PRODUCT DATA SHEET

Chase & Sons® LG1080SL Shielding Tape

CONSTRUCTION

0.00075” (19µ) Polyester Film
0.00035” (9µ) Aluminum Foil



DESCRIPTION

Chase & Sons® LG1080SL is a laminate of polyester film and aluminum foil with a dry lubricant coating on the foil side intended for use as a shielding tape in applications of high speed folding and wrapping.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00115”	0.029 mm	ASTM D374
Weight	9.7 lb/csy	52.7 g/m²	Measured
Yield	10.3 sy/lb 0.90 lbs/mft @ 1” width	19.0 m²/kg 0.53 kg/km @ 10mm width	Calculated
Tensile Strength	21500 psi	148 MPa	Calculated
Break Strength	25 lbs/1” width	44 N/10mm width	ASTM D882
Elongation	75%	75%	ASTM D882
Density		1.81 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Standard Core	3” or 6” Paper
Standard Pad Put-up	3”x12, 15, 18” or 6”x18”
Traverse Pad Put-up	3”x12”x3, 6, 12”

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PRODUCT DATA SHEET

Chase & Sons® LG1055 Shielding Tape

CONSTRUCTION

0.00100" (25µ) Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1055 is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00130"	0.033 mm	ASTM D374
Weight	10.7 lb/csy	58.1 g/m²	Measured
Yield	9.3 sy/lb 0.99 lbs/mft @ 1" width	17.2 m²/kg 0.58 kg/km @ 10mm width	Calculated
Tensile Strength	21500 psi	148 MPa	Calculated
Break Strength	28 lbs/1" width	49 N/10mm width	ASTM D882
Elongation	90%	90%	ASTM D882
Density		1.76 g/cc	Calculated

GENERAL PROPERTIES

Color	Natural
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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Chase & Sons® LG1059 Shielding Tape

CONSTRUCTION

0.00100" (25µ) Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1059 is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00135"	0.034 mm	ASTM D374
Weight	11.1 lb/csy	60.3 g/m²	Measured
Yield	9.0 sy/lb 1.03 lbs/mft @ 1" width	16.6 m²/kg 0.60 kg/km @ 10mm width	Calculated
Tensile Strength	20500 psi	141 MPa	Calculated
Break Strength	28 lbs/1" width	49 N/10mm width	ASTM D882
Elongation	85%	85%	ASTM D882
Density		1.76 g/cc	Calculated

GENERAL PROPERTIES

Color	White
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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Chase & Sons® LG1069
Shielding Tape

CONSTRUCTION

0.00100" (25µ) Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1069 is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00130"	0.033 mm	ASTM D374
Weight	10.7 lb/csy	58.1 g/m²	Measured
Yield	9.3 sy/lb 0.99 lbs/mft @ 1" width	17.2 m²/kg 0.58 kg/km @ 10mm width	Calculated
Tensile Strength	23000 psi	159 MPa	Calculated
Break Strength	30 lbs/1" width	53 N/10mm width	ASTM D882
Elongation	95%	95%	ASTM D882
Density		1.76 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT DATA SHEET

Chase & Sons® LG1069SL Shielding Tape

CONSTRUCTION

0.00100" (25µ) Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1069SL is a laminate of polyester film and aluminum foil with a dry lubricant coating on the foil side intended for use as a shielding tape in applications of high speed folding and wrapping.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00135"	0.034 mm	ASTM D374
Weight	10.9 lb/csy	59.2 g/m²	Measured
Yield	9.2 sy/lb 1.01 lbs/mft @ 1" width	16.9 m²/kg 0.59 kg/km @ 10mm width	Calculated
Tensile Strength	20500 psi	141 MPa	Calculated
Break Strength	28 lbs/1" width	49 N/10mm width	ASTM D882
Elongation	95%	95%	ASTM D882
Density		1.73 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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Chase & Sons® LG975 Shielding Tape

CONSTRUCTION

0.00200" (51µ) Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG975 is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00250"	0.064 mm	ASTM D374
Weight	18.0 lb/csy	97.7 g/m²	Measured
Yield	5.6 sy/lb 1.67 lbs/mft @ 1" width	10.2 m²/kg 0.98 kg/km @ 10mm width	Calculated
Tensile Strength	18000 psi	124 MPa	Calculated
Break Strength	55 lbs/1" width	96 N/10mm width	ASTM D882
Elongation	110%	110%	ASTM D882
Density		1.54 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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Chase & Sons® LG1156
Shielding Tape

CONSTRUCTION

0.00200" (51µ) Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1156 is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00245"	0.062 mm	ASTM D374
Weight	17.5 lb/csy	95.0 g/m²	Measured
Yield	5.7 sy/lb 1.62 lbs/mft @ 1" width	10.5 m²/kg 0.95 kg/km @ 10mm width	Calculated
Tensile Strength	22500 psi	155 MPa	Calculated
Break Strength	55 lbs/1" width	96 N/10mm width	ASTM D882
Elongation	110%	110%	ASTM D882
Density		1.53 g/cc	Calculated

GENERAL PROPERTIES

Color	Natural
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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Chase & Sons® LG1047 Shielding Tape

CONSTRUCTION

0.00100" (25µ) Polyester Film
0.00100" (25µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1047 is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00200"	0.051 mm	ASTM D374
Weight	19.0 lb/csy	103.2 g/m²	Measured
Yield	5.3 sy/lb 1.76 lbs/mft @ 1" width	9.7 m²/kg 1.03 kg/km @ 10mm width	Calculated
Tensile Strength	14000 psi	97 MPa	Calculated
Break Strength	28 lbs/1" width	49 N/10mm width	ASTM D882
Elongation	36%	36%	ASTM D882
Density		2.03 g/cc	Calculated

GENERAL PROPERTIES

Color	Natural
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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Chase & Sons® LG1049 Shielding Tape

CONSTRUCTION

0.00100" (25µ) Polyester Film
0.00100" (25µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1049 is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00200"	0.051 mm	ASTM D374
Weight	18.9 lb/csy	102.6 g/m²	Measured
Yield	5.3 sy/lb 1.75 lbs/mft @ 1" width	9.7 m²/kg 1.03 kg/km @ 10mm width	Calculated
Tensile Strength	14000 psi	97 MPa	Calculated
Break Strength	28 lbs/1" width	49 N/10mm width	ASTM D882
Elongation	36%	36%	ASTM D882
Density		2.02 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT
DATA SHEET

Chase & Sons® LG1203
Shielding Tape

CONSTRUCTION

0.00200" (51µ) Polyester Film
0.00100" (25µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1203 is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00305"	0.077 mm	ASTM D374
Weight	26.0 lb/csy	141.2 g/m²	Measured
Yield	3.8 sy/lb 2.41 lbs/mft @ 1" width	7.1 m²/kg 1.41 kg/km @ 10mm width	Calculated
Tensile Strength	13000 psi	90 MPa	Calculated
Break Strength	40 lbs/1" width	70 N/10mm width	ASTM D882
Elongation	75%	75%	ASTM D882
Density		1.83 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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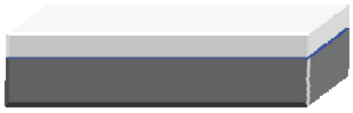
Chase & Sons® LG1031
Shielding Tape

CONSTRUCTION

0.00100" (25µ) Polyester Film
0.00200" (51µ) Aluminum Foil



DESCRIPTION

Chase & Sons® LG1031 is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00300"	0.076 mm	ASTM D374
Weight	31.8 lb/csy	172.7 g/m²	Measured
Yield	3.1 sy/lb 2.94 lbs/mft @ 1" width	5.8 m²/kg 1.73 kg/km @ 10mm width	Calculated
Tensile Strength	12500 psi	86 MPa	Calculated
Break Strength	37 lbs/1" width	65 N/10mm width	ASTM D882
Elongation	20%	20%	ASTM D882
Density		2.27 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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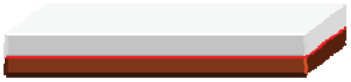
PRODUCT DATA SHEET

Chase & Sons® LG1132 Shielding Tape

CONSTRUCTION

0.00100" (25µ) Polyester Film
0.00070" (18µ) Copper Foil



DESCRIPTION

Chase & Sons® LG1132 is a laminate of polyester film and copper foil intended for use as a corrosion resistant shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00170"	0.043 mm	ASTM D374
Weight	36.2 lb/csy	196.6 g/m²	Measured
Yield	2.8 sy/lb 3.35 lbs/mft @ 1" width	5.1 m²/kg 1.97 kg/km @ 10mm width	Calculated
Tensile Strength	20500 psi	141 MPa	Calculated
Break Strength	35 lbs/1" width	61 N/10mm width	ASTM D882
Elongation	20%	20%	ASTM D882
Density		4.56 g/cc	Calculated

GENERAL PROPERTIES

Color	Red
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT
DATA SHEET

Chase & Sons® LG1204
Shielding Tape

CONSTRUCTION

0.00035" (9µ) Aluminum Foil
0.00090" (23µ) Polypropylene Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1204 is a tri-laminate of polypropylene film and aluminum foils intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00170"	0.043 mm	ASTM D374
Weight	12.5 lb/csy	67.9 g/m²	Measured
Yield	8.0 sy/lb 1.16 lbs/mft @ 1" width	14.7 m²/kg 0.68 kg/km @ 10mm width	Calculated
Tensile Strength	15500 psi	107 MPa	Calculated
Break Strength	26 lbs/1" width	46 N/10mm width	ASTM D882
Elongation	60%	60%	ASTM D882
Density		1.57 g/cc	Calculated

GENERAL PROPERTIES

Color	Natural
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT DATA SHEET

Chase & Sons® LG1200 Shielding Tape

CONSTRUCTION

0.00090” (23µ) Heat Fusible Film
0.00035” (9µ) Aluminum Foil
0.00090” (23µ) Polypropylene Film
0.00035” (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1200 is a laminate of polypropylene film, aluminum foils and an additional heat fusible layer. The end product is intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00270”	0.069 mm	ASTM D374
Weight	16.7 lb/csy	90.5 g/m²	Measured
Yield	6.0 sy/lb 1.54 lbs/mft @ 1” width	11.0 m²/kg 0.90 kg/km @ 10mm width	Calculated
Tensile Strength	13500 psi	93 MPa	Calculated
Break Strength	36 lbs/1” width	63 N/10mm width	ASTM D882
Elongation	60%	60%	ASTM D882
Density		1.32 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Core	3” or 6”, Paper
Standard Pad Put-up	3”x12, 15, 18” or 6”x18”
Traverse Pad Put-up	3”x12”x3, 6, 12”

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PRODUCT
DATA SHEET

Chase & Sons® LG926
Shielding Tape

CONSTRUCTION

0.00035" (9µ) Aluminum Foil
0.00100" (25µ) Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG926 is a tri-laminate of polyester film and aluminum foils intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00170"	0.043 mm	ASTM D374
Weight	15.0 lb/csy	81.5 g/m²	Measured
Yield	6.7 sy/lb 1.39 lbs/mft @ 1" width	12.3 m²/kg 0.81 kg/km @ 10mm width	Calculated
Tensile Strength	20000 psi	138 MPa	Calculated
Break Strength	34 lbs/1" width	60 N/10mm width	ASTM D882
Elongation	110%	110%	ASTM D882
Density		1.89 g/cc	Calculated

GENERAL PROPERTIES

Color	Natural
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT DATA SHEET

Chase & Sons® LG926SL Shielding Tape

CONSTRUCTION

0.00035" (9µ) Aluminum Foil
0.00100" (25µ) Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG926SL is a tri-laminate of polyester film and aluminum foils with a dry lubricant coating on one foil side intended for use as a shielding tape in applications of high speed folding and wrapping.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00170"	0.043 mm	ASTM D374
Weight	15.2 lb/csy	82.5 g/m²	Measured
Yield	6.6 sy/lb 1.41 lbs/mft @ 1" width	12.1 m²/kg 0.82 kg/km @ 10mm width	Calculated
Tensile Strength	20500 psi	141 MPa	Calculated
Break Strength	35 lbs/1" width	61 N/10mm width	ASTM D882
Elongation	109%	109%	ASTM D882
Density		1.91 g/cc	Calculated

GENERAL PROPERTIES

Color	Natural
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT
DATA SHEET

Chase & Sons® LG1142
Shielding Tape

CONSTRUCTION

0.00100" (25µ) Aluminum Foil
0.00100" (25µ) Polyester Film
0.00100" (25µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1142 is a tri-laminate of polyester film and aluminum foils intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00300"	0.076 mm	ASTM D374
Weight	32.5 lb/csy	176.5 g/m²	Measured
Yield	3.1 sy/lb 3.01 lbs/mft @ 1" width	5.7 m²/kg 1.76 kg/km @ 10mm width	Calculated
Tensile Strength	12500 psi	86 MPa	Calculated
Break Strength	38 lbs/1" width	67 N/10mm width	ASTM D882
Elongation	16%	16%	ASTM D882
Density		2.32 g/cc	Calculated

GENERAL PROPERTIES

Color	Natural
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT DATA SHEET

Chase & Sons® FF5500 Series
Foil Free Edge Shielding Tape

CONSTRUCTION

0.00050" (12µ) Polyester Film (Foil Free Edge)
0.00060" (15µ) Heat Sealable Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® FF5500 Series is a tri-laminate of polyester films and aluminum foil that combines the attributes of a standard shielding tape with those of a core binder. Typical applications include process control cables.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00150"	0.038 mm	ASTM D374
Tensile Strength	16600 psi	115 MPa	Calculated
Break Strength	25 lbs/1" width	44 N/10mm width	ASTM D882
Elongation	90%	90%	ASTM D882
Yield			Calculated

Foil Width		FF Film Width		Weight	Yield	Weight	Yield
(in)	(mm)	(in)	(mm)	(lbs/csy)	(lbs/mft)	(g/m^2)	(kgs/km)
0.3750	9.53	0.5000	12.70	9.64	0.45	52.34	0.67
0.5000	12.70	0.7500	19.05	8.91	0.62	48.38	0.92
0.6250	15.88	0.7500	19.05	10.36	0.72	56.25	1.07
0.7500	19.05	0.8750	22.23	10.57	0.86	57.39	1.28
0.8750	22.23	1.1250	28.58	9.88	1.03	53.65	1.53

- other widths are available upon request

GENERAL PROPERTIES

Color	Blue
Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"

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PRODUCT DATA SHEET

Chase & Sons® FF8500 Series
Foil Free Edge Shielding Tape

CONSTRUCTION

0.00075" (19µ) Polyester Film (Foil Free Edge)
0.00060" (15µ) Heat Sealable Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® FF8500 Series is a tri-laminate of polyester films and aluminum foil that combines the attributes of a standard shielding tape with those of a core binder. Typical applications include process control cables.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00180"	0.046 mm	ASTM D374
Tensile Strength	16600 psi	115 MPa	Calculated
Break Strength	30 lbs/1" width	53 N/10mm width	ASTM D882
Elongation	90%	90%	ASTM D882
Yield			

Foil Width		FF Film Width		Weight	Yield	Weight	Yield
(in)	(mm)	(in)	(mm)	(lbs/csy)	(lbs/mft)	(g/m^2)	(kgs/km)
0.3750	9.53	0.5000	12.70	11.42	0.53	62.01	0.79
0.5000	12.70	0.7500	19.05	10.69	0.74	58.04	1.11
0.6250	15.88	0.7500	19.05	12.14	0.84	65.92	1.26
0.6250	15.88	0.8750	22.23	11.11	0.90	60.32	1.34
0.7500	19.05	1.0000	25.40	11.42	1.06	62.01	1.58
1.2500	31.75	1.5000	38.10	12.14	1.69	65.92	2.52

- other widths are available upon request

GENERAL PROPERTIES

Color	Blue
Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"

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PRODUCT DATA SHEET

Chase & Sons® FF1500 Series
Foil Free Edge Shielding Tape

CONSTRUCTION

0.00100" (25µ) Polyester Film (Foil Free Edge)
0.00060" (15µ) Heat Sealable Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® FF1500 Series is a tri-laminate of polyester films and aluminum foil that combines the attributes of a standard shielding tape with those of a core binder. Typical applications include process control cables.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00190"	0.048 mm	ASTM D374
Tensile Strength	18500 psi	128 MPa	Calculated
Break Strength	35 lbs/1" width	61 N/10mm width	ASTM D882
Elongation	100%	100%	ASTM D882
Yield			Calculated

Foil Width		FF Film Width		Weight	Yield	Weight	Yield
(in)	(mm)	(in)	(mm)	(lbs/csy)	(lbs/mft)	(g/m^2)	(kgs/km)
0.3750	9.53	0.5000	12.70	12.53	0.58	68.04	0.86
0.5000	12.70	0.6250	15.88	12.96	0.75	70.37	1.12
0.5000	12.70	0.7500	19.05	11.80	0.82	64.07	1.22
0.6250	15.88	0.7500	19.05	13.25	0.92	71.94	1.37
0.7500	19.05	0.8750	22.23	13.46	1.09	73.08	1.63

- other widths are available upon request

GENERAL PROPERTIES

Color	Blue
Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"

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PRODUCT
DATA SHEET

Chase & Sons® FF2531
Foil Free Edge Shielding Tape

CONSTRUCTION

0.00200" (51µ) Polyester Film (Foil Free Edge)
0.00060" (15µ) Heat Sealable Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® FF2531 is a tri-laminate of polyester films and aluminum foil that combines the attributes of a standard shielding tape with those of a core binder. Typical applications include process control cables.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00295"	0.075 mm	ASTM D374
Tensile Strength	20500 psi	140 MPa	Calculated
Break Strength	60 lbs/1" width	105 N/10mm width	ASTM D882
Elongation	120%	120%	ASTM D882
Yield			Calculated

Foil Width		FF Film Width		Weight	Yield	Weight	Yield
(in)	(mm)	(in)	(mm)	(lbs/csy)	(lbs/mft)	(g/m^2)	(kgs/km)
0.3750	9.53	0.5000	12.70	19.36	0.90	105.12	1.34
0.5000	12.70	0.7500	19.05	18.63	1.29	101.16	1.93
0.6250	15.88	0.7500	19.05	20.09	1.39	109.08	2.08
0.7500	19.05	0.8750	22.23	20.29	1.64	110.17	2.45
0.8750	22.23	1.1250	28.58	19.60	2.04	106.42	3.05

- other widths are available upon request

GENERAL PROPERTIES

Color	Blue
Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"

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PRODUCT DATA SHEET

Chase & Sons® FF2100 Series
Foil Free Edge Shielding Tape

CONSTRUCTION

0.00200" (51µ) Polyester Film (Foil Free Edge)
0.00080" (20µ) Heat Sealable Polyester Film
0.00100" (25µ) Aluminum Foil

DESCRIPTION

Chase & Sons® FF2100 Series is a tri-laminate of polyester films and aluminum foil that combines the attributes of a standard shielding tape with those of a core binder. Typical applications include process control cables.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00380"	0.097 mm	ASTM D374
Tensile Strength	18500 psi	128 MPa	Calculated
Break Strength	70 lbs/1" width	123 N/10mm width	ASTM D882
Elongation	120%	120%	ASTM D882
Yield			Calculated

Foil Width		FF Film Width		Weight	Yield	Weight	Yield
(in)	(mm)	(in)	(mm)	(lbs/csy)	(lbs/mft)	(g/m^2)	(kgs/km)
0.3750	9.53	0.5000	12.70	26.49	1.23	143.83	1.83
0.5000	12.70	0.7500	19.05	24.97	1.73	135.58	2.59
0.6250	15.88	0.7500	19.05	28.01	1.95	152.09	2.90
0.7500	19.05	0.8750	22.23	28.45	2.30	154.48	3.44
0.8750	22.23	1.1250	28.58	27.00	2.81	146.60	4.19

- other widths are available upon request

GENERAL PROPERTIES

Color	Blue
Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"

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PRODUCT DATA SHEET

Chase & Sons® FF2268
Foil Free Edge Shielding Tape

CONSTRUCTION

0.00100" (25µ) Polyester Film (Foil Free Edge)
0.00080" (20µ) Heat Sealable Polyester Film
0.00070" (18µ) Copper Foil

DESCRIPTION

Chase & Sons® FF2268 is a tri-laminate of polyester films and copper foil that combines the attributes of a standard shielding tape with those of a core binder. Typical applications include process control cables.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00255"	0.065 mm	ASTM D374
Tensile Strength	24500 psi	169 MPa	Calculated
Break Strength	62 lbs/1" width	109 N/10mm width	ASTM D882
Elongation	26%	26%	ASTM D882
Peel Strength	PET to PET PET to Copper Foil	Destructive ≥150 grams	Chase TP-126W
Yield	See table below		Calculated

Foil Width		FF Film Width		Weight	Yield	Weight	Yield
(in)	(mm)	(in)	(mm)	(lbs/csy)	(lbs/mft)	(g/m^2)	(kgs/km)
1.0000	25.40	1.5000	38.10	28.86	4.01	156.70	5.98
1.7500	44.45	2.0000	50.80	36.01	6.67	195.53	9.94
2.5000	63.50	2.7500	69.85	37.18	9.47	201.88	14.12

- other widths are available upon request

GENERAL PROPERTIES

Color	Red
Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"

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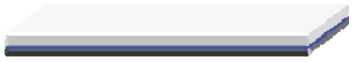
PRODUCT
DATA SHEET

Chase & Sons® LG1001HS
Shielding Tape

CONSTRUCTION

0.00060" (15µ) Heat Sealable Polyester Film
0.00035" (9µ) Aluminum Foil



DESCRIPTION

Chase & Sons® LG1001HS is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00100"	0.025 mm	ASTM D374
Weight	8.0 lb/csy	43.4 g/m²	Measured
Yield	12.5 sy/lb 0.74 lbs/mft @ 1" width	23.0 m²/kg 0.43 kg/km @ 10mm width	Calculated
Tensile Strength	17000 psi	117 MPa	Calculated
Break Strength	17 lbs/1" width	30 N/10mm width	ASTM D882
Elongation	75%	75%	ASTM D882
Density		1.71 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT
DATA SHEET

Chase & Sons® LG1047HS
Shielding Tape

CONSTRUCTION

0.00080" (20µ) Heat Sealable Polyester Film
0.00100" (25µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1047HS is a laminate of polyester film and aluminum foil intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00185"	0.047 mm	ASTM D374
Weight	18.7 lb/csy	101.5 g/m²	Measured
Yield	5.3 sy/lb 1.73 lbs/mft @ 1" width	9.8 m²/kg 1.01 kg/km @ 10mm width	Calculated
Tensile Strength	11000 psi	76 MPa	Calculated
Break Strength	20 lbs/1" width	35 N/10mm width	ASTM D882
Elongation	15%	15%	ASTM D882
Density		2.16 g/cc	Calculated

GENERAL PROPERTIES

Color	Natural
Core	3" or 6" Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT DATA SHEET

Chase & Sons® LG1200 Shielding Tape

CONSTRUCTION

0.00090” (23µ) Heat Fusible Film
0.00035” (9µ) Aluminum Foil
0.00090” (23µ) Polypropylene Film
0.00035” (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1200 is a laminate of polypropylene film, aluminum foils and an additional heat fusible layer. The end product is intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00270”	0.069 mm	ASTM D374
Weight	16.7 lb/csy	90.5 g/m²	Measured
Yield	6.0 sy/lb 1.54 lbs/mft @ 1” width	11.0 m²/kg 0.90 kg/km @ 10mm width	Calculated
Tensile Strength	13500 psi	93 MPa	Calculated
Break Strength	36 lbs/1” width	63 N/10mm width	ASTM D882
Elongation	60%	60%	ASTM D882
Density		1.32 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Core	3” or 6”, Paper
Standard Pad Put-up	3”x12, 15, 18” or 6”x18”
Traverse Pad Put-up	3”x12”x3, 6, 12”

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Core Wrap / Separator Tape Categories

Films

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PRODUCT DATA SHEET

Chase & Sons® C971 Separator Tape

CONSTRUCTION Polyester Film

DESCRIPTION Chase & Sons® C971 is an uncoated polyester film supplied in several gauges for applications such as binder, barrier and electrical insulating tapes for the wire and cable industry.

TECHNICAL DATA

Property	US Customary / Metric								Test Method
Thickness									
(in)	0.00050	0.00075	0.00100	0.00150	0.00200	0.00300	0.00400	0.00500	ASTM D374
(mm)	0.013	0.019	0.025	0.038	0.051	0.076	0.102	0.127	
Weight									
(lb/csy)	3.1	4.9	6.4	9.2	12.8	19.2	25.6	32.3	Measured
(g/m^2)	16.8	26.6	34.8	50.0	69.5	104.3	139.0	175.4	
Yield									
(sy/lb)	32.3	20.5	15.6	10.8	7.8	5.2	3.9	3.1	Calculated
(m^2/kg)	59.4	37.6	28.8	20.0	14.4	9.6	7.2	5.7	
Break Strength									
(lbs/1" width)	10	18	20	26	40	55	70	90	ASTM D882
(N/10mm width)	17	31	35	45	69	95	121	156	
Elongation									ASTM D882
(%)	75	50	90	90	90	90	90	90	
Dielectric Strength									ASTM D149
(kV)	3.0	4.0	6.0	8.0	10.0	12.0	14.0	15.0	

GENERAL PROPERTIES

Color	Clear
Heat Shrinkage	1% - 3% MD
Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® CR142
Separator Tape

CONSTRUCTION Polyester Film

DESCRIPTION Chase & Sons® CR142 is an uncoated corrugated polyester film for use in binder, barrier, and electrical insulation applications.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00850”	0.216 mm	ASTM D374
Weight	8.9 lb/csy	48.3 g/m²	Measured
Yield	11.2 sy/lb 0.82 lbs/mft @ 1” width	20.7 m²/kg 0.48 kg/km @ 10mm width	Calculated
Tensile Strength	4500 psi	31 MPa	Calculated
Break Strength	40 lbs/1” width	70 N/10mm width	ASTM D882
Elongation	95%	95%	ASTM D882
Density		0.22 g/cc	Calculated

GENERAL PROPERTIES

Color	Clear
Standard Core	3” or 6” Paper
Standard Pad Put-up	3”x12, 15, 18” or 6”x18”

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PRODUCT
DATA SHEET

Chase & Sons® CR200
Separator Tape

CONSTRUCTION Polyester Film

DESCRIPTION Chase & Sons® CR200 is an uncoated corrugated polyester film for use in binder, barrier, and electrical insulation applications.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00950”	0.241 mm	ASTM D374
Weight	12.4 lb/csy	67.3 g/m²	Measured
Yield	8.1 sy/lb 1.15 lbs/mft @ 1” width	14.8 m²/kg 0.67 kg/km @ 10mm width	Calculated
Tensile Strength	5500 psi	38 MPa	Calculated
Break Strength	52 lbs/1” width	91 N/10mm width	ASTM D882
Elongation	115%	115%	ASTM D882
Density		0.28 g/cc	Calculated

GENERAL PROPERTIES

Color	Clear
Standard Core	3” or 6” Paper
Standard Pad Put-up	3”x12, 15, 18” or 6”x18”

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PRODUCT
DATA SHEET

Chase & Sons® CR300
Separator Tape

CONSTRUCTION Polyester Film

DESCRIPTION Chase & Sons® CR300 is an uncoated corrugated polyester film for use in binder, barrier, and electrical insulation applications.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00950”	0.241 mm	ASTM D374
Weight	18.9 lb/csy	102.6 g/m²	Measured
Yield	5.3 sy/lb 1.75 lbs/mft @ 1” width	9.7 m²/kg 1.02 kg/km @ 10mm width	Calculated
Tensile Strength	7500 psi	52 MPa	Calculated
Break Strength	70 lbs/1” width	123 N/10mm width	ASTM D882
Elongation	140%	140%	ASTM D882
Density		0.43 g/cc	Calculated

GENERAL PROPERTIES

Color	Clear
Standard Core	3” or 6” Paper
Standard Pad Put-up	3”x12, 15, 18” or 6”x18”

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PRODUCT
DATA SHEET

Chase & Sons® C1033
Separator Tape

CONSTRUCTION Polyester Film

DESCRIPTION Chase & Sons® C1033 is a matte polyester film typically used as a binder, barrier, or separator tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00092”	0.023 mm	ASTM D374
Weight	5.9 lb/csy	32.0 g/m²	Measured
Yield	16.9 sy/lb 0.55 lbs/mft @ 1” width	31.2 m²/kg 0.32 kg/km @ 10mm width	Calculated
Tensile Strength	18500 psi	128 MPa	Calculated
Break Strength	17 lbs/1” width	30 N/10mm width	ASTM D882
Elongation	70%	70%	ASTM D882
Density		1.37 g/cc	Calculated

GENERAL PROPERTIES

Color	Translucent
Standard Core	3” or 6” Paper
Standard Pad Put-up	3”x12, 15, 18” or 6”x18”
Traverse Pad Put-up	3”x12”x3, 6, 12”

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PRODUCT
DATA SHEET

Chase & Sons® C1018
Separator Tape

CONSTRUCTION Polyester Film

DESCRIPTION Chase & Sons® C1018 is a white semi-opaque polyester film with visual and physical properties intermediate between C971 and C1017. It is typically used as a binder, barrier, or insulation tape. C1018 conforms to UL Std #83; pp 10.2 and #44; pp 13.2.

TECHNICAL DATA

Property	US Customary		Metric		Test Method
Thickness	0.00075”	0.00092”	0.019 mm	0.023 mm	ASTM D374
Weight	5.1 lbs/csy	6.0 lbs/csy	27.7 g/m^2	32.6 g/m^2	Measured
Yield	19.6 sy/lb	16.7 sy/lb	36.1 m^2/kg	30.7 m^2/kg	Calculated
Break Strength	19 lbs/1” width	22 lbs/1” width	33 N/10mm width	38 N/10mm width	ASTM D882
Elongation	125 %	100 %	125 %	100 %	ASTM D882
Dielectric Strength	4.0 kV	5.0 kV	4.0 kV	5.0 kV	ASTM D149

GENERAL PROPERTIES

Color	Semi-opaque white
Heat Shrinkage	1% - 3% MD
Core	3” or 6” Paper

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PRODUCT
DATA SHEET

Chase & Sons® C1029
Separator Tape

CONSTRUCTION Polyester Film

DESCRIPTION Chase & Sons® C1029 is a white opaque polyester film typically used as a binder, barrier, or insulation tape.

TECHNICAL DATA

Property	US Customary		Metric		Test Method
Thickness	0.00075”	0.00092”	0.019 mm	0.023 mm	ASTM D374
Weight	5.1 lbs/csy	6.0 lbs/csy	27.7 g/m^2	32.6 g/m^2	Measured
Yield	19.6 sy/lb	16.7 sy/lb	36.1 m^2/kg	30.7 m^2/kg	Calculated
Break Strength	19 lbs/1” width	22 lbs/1” width	33 N/10mm width	38 N/10mm width	ASTM D882
Elongation	125 %	100 %	125 %	100 %	ASTM D882
Dielectric Strength	4.0 kV	5.0 kV	4.0 kV	5.0 kV	ASTM D149

GENERAL PROPERTIES

Color	Opaque white
Heat Shrinkage	1% - 3% MD
Core	3” or 6” Paper

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PRODUCT
DATA SHEET

Chase & Sons® C1017
Separator Tape

CONSTRUCTION Polyester Film

DESCRIPTION Chase & Sons® C1017 is an opaque polyester film intended for use as a bedding or binder tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00200”	0.051 mm	ASTM D374
Weight	13.1 lb/csy	71.1 g/m²	Measured
Yield	7.6 sy/lb 1.21 lbs/mft @ 1” width	14.0 m²/kg 0.71 kg/km @ 10mm width	Calculated
Tensile Strength	20000 psi	138 MPa	Calculated
Break Strength	40 lbs/1” width	70 N/10mm width	ASTM D882
Elongation	100%	100%	ASTM D882
Density		1.40 g/cc	Calculated

GENERAL PROPERTIES

Color	Opaque white
Core	3” or 6” Paper
Standard Pad Put-up	3”x12, 15, 18” or 6”x18”
Traverse Pad Put-up	3”x12”x3, 6, 12”

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PRODUCT
DATA SHEET

Chase & Sons® C1034
Separator Tape

CONSTRUCTION Polyphenylene Sulfide Film (PPS)

DESCRIPTION Chase & Sons® C1034 is a self-extinguishing flame, heat and chemical resistant transparent film of polyphenylene sulfide (PPS). This product is suitable for use as a separator tape in harsh environment applications where superior thermal and chemical resistance is essential.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00100”	0.025 mm	ASTM D374
Weight	6.2 lb/csy	33.7 g/m²	Measured
Yield	16.1 sy/lb 0.57 lbs/mft @ 1” width	29.7 m²/kg 0.34 kg/km @ 10mm width	Calculated
Tensile Strength	40000 psi	276 MPa	Calculated
Break Strength	40 lbs/1”width	70 N/10mm width	ASTM D882
Elongation	60%	60%	ASTM D882
Dielectric Breakdown	7.0 kV	7.0 kV	ASTM D149
Service Temperature	320 °f (mechanical) 390 °F (electrical)	160 °C (mechanical) 200 °C (electrical)	UL746B

GENERAL PROPERTIES

Color	Clear
Core	3” or 6” Paper
Standard Pad Put-up	3”x12, 15, 18” or 6”x18”
Traverse Pad Put-up	3”x12”x3, 6, 12”

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PRODUCT DATA SHEET

Chase & Sons® C1024 Separator Tape

CONSTRUCTION Polypropylene Film

DESCRIPTION Chase & Sons® C1024 is a translucent monoaxially oriented polypropylene film supplied in various gauges for applications such as binder tape and electrical insulating tape for the wire and cable industry.

TECHNICAL DATA

Property	US Customary / Metric				Test Method
Thickness					
(in)	0.00150	0.00200	0.00260	0.00300	ASTM D374
(mm)	0.038	0.051	0.066	0.076	
Weight					
(lb/csy)	6.6	8.4	11.0	12.7	Measured
(g/m^2)	35.8	45.6	59.7	69.0	
Yield					
(sy/lb)	15.5	11.9	9.6	7.9	Calculated
(m^2/kg)	27.9	21.9	16.7	14.5	
Break Strength					
(lbs/1" width)	50	70	88	100	ASTM D882
(N/10mm width)	87	121	152	173	
Elongation					ASTM D882
(%)	15	15	15	15	
Dielectric Strength					ASTM D149
(kV)	6.0	8.5	9.5	11.0	

GENERAL PROPERTIES

Color	Translucent
Heat Shrinkage	2% - 4% MD/TD
Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® C1021
Separator Tape

CONSTRUCTION Polypropylene Film

DESCRIPTION Chase & Sons® C1021 is a high tensile, high yield, foamed monoaxial polypropylene tape intended for use in a separator, binder, or bedding application.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00500”	0.127 mm	ASTM D374
Weight	11.7 lb/csy	63.5 g/m²	Measured
Yield	8.5 sy/lb 1.08 lbs/mft @ 1” width	15.7 m²/kg 0.63 kg/km @ 10mm width	Calculated
Tensile Strength	15000 psi	104 MPa	Calculated
Break Strength	75 lbs/1” width	131 N/10mm width	ASTM D882
Elongation	25%	25%	ASTM D882
Density		0.50 g/cc	Calculated

GENERAL PROPERTIES

Color	Opaque white
Standard Core	3” or 6” Paper
Standard Pad Put-up	3”x12, 15, 18” or 6”x18”
Traverse Pad Put-up	3”x12”x3, 6, 12”

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CHASE
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Heat / Flame Barrier Tapes

Heat / Flame Barrier Tape Categories

Coated Fabrics
Fiberglass Scrim Laminates

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PRODUCT
DATA SHEET

Chase & Sons® S203
Flame Barrier Binder Tape

CONSTRUCTION

Glass Fabric
Silicone Coating

DESCRIPTION

Chase & Sons® S203 is a glass fabric tape impregnated with a cured silicone coating designed for high temperature, high strength binding applications. S203 is flame retardant and exhibits self-extinguishing characteristics.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0041 in	0.104 mm	ASTM D374
Weight	20 lb/csy	108.6 gm/m²	Measured
Yield	5.0 sy/lb 1.85 lbs/mft @ 1" width	9.2 m²/kg 1.09 kg/km @ 10mm width	Calculated
Break Strength	120 lbs/1" width	210 N/10mm width	Calculated
Tensile	29500 psi	204 MPa	ASTM D882
Limiting Oxygen Index (LOI)	37	37	ASTM D2863

GENERAL PROPERTIES

Color	Off-white
Surface	Dry, dust free
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S208A
Semi-Conductive Tape

CONSTRUCTION

Nomex® Fabric
Acrylic Coating

DESCRIPTION

Chase & Sons® S208A is a semi-conducting Nomex® tape which is impregnated with a cured, high temperature resistant compound designed for those shielding applications which demand high temperature resistance and durability.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.004 in	0.102 mm	ASTM D374
Weight	16 lb/csy	86.9 gm/m²	Measured
Yield	6.3 sy/lb 1.48 lbs/mft @ 1" width	11.5 m²/kg 0.87 kg/km @ 10mm width	Calculated
Break Strength	35 lbs/1" width	61 N/10mm width	ASTM D882
Tensile Strength	9000 psi	62 MPa	Calculated
Elongation	35%	35%	ASTM D882
Surface Resistance	1000 max Ω/sq	1000 max Ω/sq	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/Unprinted
Surface	Dry, non-chalky
Standard Core	3" or 6", Paper

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PRODUCT
DATA SHEET

Chase & Sons® S378
Heat and Flame Barrier Tape

CONSTRUCTION

Glass Fabric
Silicone Coating

DESCRIPTION

Chase & Sons® S378 is a glass fabric tape impregnated with a silicone based polymer system designed for high temperature, high strength binding applications. The coating is cured and flexible. S378 exhibits self-extinguishing characteristics, fray resistance and is still porous enough to allow for further impregnation.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0075 in	0.191 mm	ASTM D374
Weight	42 lb/csy	228.1 gm/m²	Measured
Yield	2.4 sy/lb 3.89 lbs/mft @ 1" width	4.4 m²/kg 2.29 kg/km @ 10mm width	Calculated
Break Strength	145 lbs/1" width	254 N/10mm width	Calculated
Tensile	19500 psi	135 MPa	ASTM D882
Limiting Oxygen Index (LOI)	≥ 21	≥ 21	ASTM D2863

GENERAL PROPERTIES

Color	Off-white
Surface	Dry, dust free
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S384
Heat and Flame Barrier Tape

CONSTRUCTION

Glass Fabric
Neoprene Coating

DESCRIPTION

Chase & Sons® S384 is a flame retardant, pinhole free, cured neoprene impregnated glass fabric tape. Suitable for a wide variety of applications where flexible, non-conductive cured tape is required.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.006 in	0.152 mm	ASTM D374
Weight	35.5 lb/csy	192.8 gm/m²	Measured
Yield	2.8 sy/lb 3.29 lbs/mft @ 1" width	5.2 m²/kg 1.93 kg/km @ 10mm width	Calculated
Break Strength	150 lbs/1" width	263 N/10mm width	Calculated
Tensile	25000 psi	173 MPa	ASTM D882
Limiting Oxygen Index (LOI)	29.5	29.5	ASTM D2863

GENERAL PROPERTIES

Color	Black
Surface	Dry, dust free
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S384D
Heat and Flame Barrier Tape

CONSTRUCTION

Glass Fabric
Neoprene Coating

DESCRIPTION

Chase & Sons® S384D is a flame retardant, pinhole free, cured neoprene impregnated glass fabric tape. Suitable for a wide variety of applications where flexible, non-conductive cured tape is required.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.006 in	0.152 mm	ASTM D374
Weight	35.5 lb/csy	192.8 gm/m²	Measured
Yield	2.8 sy/lb 3.29 lbs/mft @ 1" width	5.2 m²/kg 1.93 kg/km @ 10mm width	Calculated
Break Strength	150 lbs/1" width	263 N/10mm width	Calculated
Tensile	25000 psi	173 MPa	ASTM D882
Limiting Oxygen Index (LOI)	29.5	29.5	ASTM D2863

GENERAL PROPERTIES

Color	Black
Surface	Dry, dusted
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® CP120
Flame Barrier Binder Tape

CONSTRUCTION

Glass Fabric
Mica Coating

DESCRIPTION

Chase & Sons® CP120 is a thermal and flame resistant product composed of mica bonded to a glass fabric. This tape is suitable for use as a binder tape in applications where a flame or thermal barrier is required.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.004 in	0.102 mm	ASTM D374
Weight	22.2 lbs/csy	120 g/m²	Measured
Yield	4.5 sy/lb 2.05 lbs/mft @ 1" width	8.3 m²/kg 1.2 kg/km @ 10mm width	Calculated
Break Strength	38 lbs/1" width	66 N/10mm width	Calculated
Tensile	9500 psi	66 MPa	ASTM D882
Thermal Resistance	2192 °F	1200 °C	

GENERAL PROPERTIES

Color	Gold
Surface	Dry, dust free
Standard Core	3" or 6" Paper

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PRODUCT DATA SHEET

Chase & Sons® L1068
Heat and Flame Barrier Tape

CONSTRUCTION

Delta Glaspak
Fiberglass Scrim
Delta Glaspak

DESCRIPTION

Chase & Sons® L1068 is a laminate of Delta Glaspak to both sides of a fiberglass scrim that utilizes a halogen-free, low smoke, and low toxicity adhesive. This tape exhibits effective thermal barrier, fire resistance, and binder properties.

TECHNICAL DATA

Property	US Customary				Metric				Test Method
	5/5	5/7	7/7	9/9	5/5	5/7	7/7	9/9	
Thickness* (in, mm)	0.012	0.014	0.015	0.019	0.305	0.356	0.381	0.483	ASTM D374
Weight (lb/csy, g/m²)	26.0	27.0	30.0	33.0	141.2	146.6	162.9	179.2	Measured
Yield (sy/lb, m²/kg)	3.85	3.70	3.33	3.03	7.1	6.8	6.1	5.6	Calculated
Tensile (psi, MPa)	5500	4500	4500	3500	37	32	30	23	Calculated
Break Strength	65 lbs/1" width				114 N/10mm width				ASTM D882
Thermal Conductivity	0.3 BTU/(hr·ft·°F)				0.5 W/(m·K)				
Limiting Oxygen Index (LOI)	32				32				ASTM D2863

*Construction Example: L1068 5/7 = .005" Delta Glaspak/Fiberglass Scrim/.007" Delta Glaspak

TYPICAL PROPERTIES

Color	Natural
Surface	Smooth, dry
Halogen Content	Less than 2%
Standard Core	3" or 6" Paper

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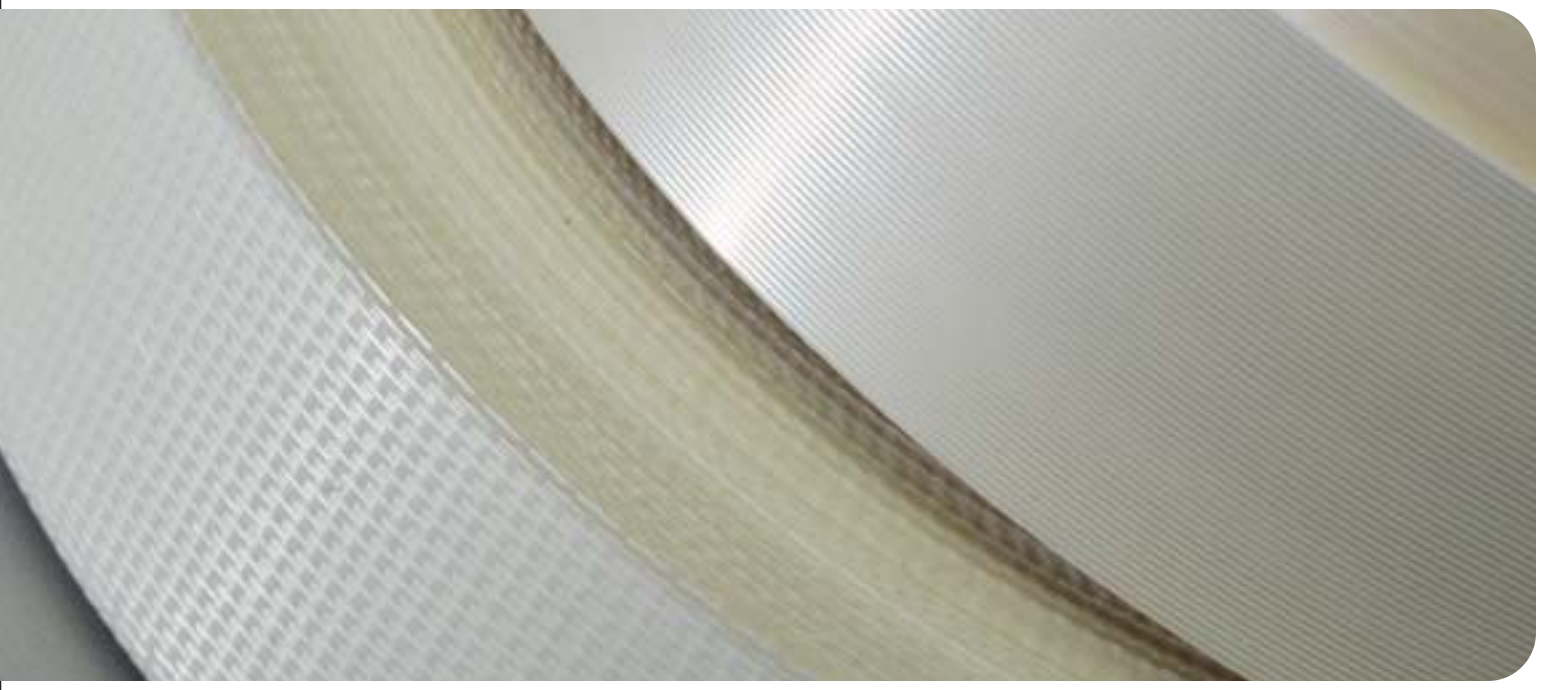

Service Entrance Tapes

Service Entrance Tape Categories

Fiberglass Scrim Laminates

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PRODUCT
DATA SHEET

Chase & Sons® L962-100C
Service Entrance Tape

CONSTRUCTION

Glass Scrim
Polyester Film

DESCRIPTION

Chase & Sons® L962-100C is a laminated tape composed of glass scrim bonded to polyester film with a fire retardant adhesive. It is primarily intended for use as a replacement for glass braid on SEU and SER Service Entrance Cable and can also be used as a bedding or binding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0055”	0.140 mm	ASTM D374
Weight	17.5 lb/csy	95.0 g/m²	Measured
Yield	5.7 sy/lb 1.62 lbs/mft @ 1” wide	10.5 m²/kg 0.95 kg/km @ 10mm width	Calculated
Tensile Strength	22500 psi	155 MPa	Calculated
Break Strength	125 lbs/1” width	219 N/10mm width	ASTM D882
Flammability	Self-extinguishing when taped in place (contains a non-flammable scrim)		

GENERAL PROPERTIES

Color	Clear
Surface	Dry PET side; slight tack reverse
Thread Count	20 x 10 (10 x 10 visual)”
Standard Core	3” or 6” Paper

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PRODUCT
DATA SHEET

Chase & Sons® L962-100CB
Service Entrance Tape

CONSTRUCTION

Glass Scrim
Polyester Film

DESCRIPTION

Chase & Sons® L962-100CB is a laminated tape composed of glass scrim bonded to polyester film with a fire retardant adhesive. It is primarily intended for use as a replacement for glass braid on SEU and SER Service Entrance Cable and can also be used as a bedding or binding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0055”	0.140 mm	ASTM D374
Weight	17.5 lb/csy	95.0 g/m²	Measured
Yield	5.7 sy/lb 1.62 lbs/mft @ 1” wide	10.5 m²/kg 0.95 kg/km @ 10mm width	Calculated
Tensile Strength	22500 psi	155 MPa	Calculated
Break Strength	125 lbs/1” width	219 N/10mm width	ASTM D882
Flammability	Self-extinguishing when taped in place (contains a non-flammable scrim)		

GENERAL PROPERTIES

Color	Black
Surface	Dry PET side; slight tack reverse
Thread Count	20 x 10 (10 x 10 visual)”
Standard Core	3” or 6” Paper

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PRODUCT
DATA SHEET

Chase & Sons® L962-100CBP
Service Entrance Tape

CONSTRUCTION

Glass Scrim
Polypropylene Film

DESCRIPTION

Chase & Sons® L962-100CBP is a laminated tape composed of glass scrim bonded to polypropylene film with a fire retardant adhesive. It is primarily intended for use as a replacement for glass braid on SEU and SER Service Entrance Cable and can also be used as a bedding or binding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0055”	0.140 mm	ASTM D374
Weight	16.5 lb/csy	89.6 g/m²	Measured
Yield	6.1 sy/lb 1.53 lbs/mft @ 1” width	11.2 m²/kg 0.90 kg/km @ 10mm width	Calculated
Tensile Strength	18000 psi	124 MPa	Calculated
Break Strength	100 lbs/1” width	175 N/10mm width	ASTM D882
Flammability	Self-extinguishing when taped in place (contains non-flammable scrim)		

GENERAL PROPERTIES

Color	Black
Surface	Dry BOPP side; slight tack reverse
Thread Count	20 x 10 (10 x 10 visual)”
Standard Core	3” or 6” Paper

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PRODUCT
DATA SHEET

Chase & Sons® L962-200CB
Service Entrance Tape

CONSTRUCTION

Glass Scrim
Polyester Film

DESCRIPTION

Chase & Sons® L962-200CB is a laminated tape composed of glass scrim bonded to polyester film with a fire retardant adhesive. It is primarily intended for use as a replacement for glass braid on SEU and SER Service Entrance Cable and can also be used as a bedding or binding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0065”	0.165 mm	ASTM D374
Weight	25 lb/csy	135.8 g/m²	Measured
Yield	4.0 sy/lb 2.31 lbs/mft @ 1” wide	7.4 m²/kg 1.36 kg/km @ 10mm width	Calculated
Tensile Strength	19000 psi	131 MPa	Calculated
Break Strength	125 lbs/1” width	219 N/10mm width	ASTM D882
Flammability	Self-extinguishing when taped in place (contains a non-flammable scrim)		

GENERAL PROPERTIES

Color	Black
Surface	Dry PET side; slight tack reverse
Thread Count	20 x 10 (10 x 10 visual)”
Standard Core	3” or 6” Paper

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PRODUCT
DATA SHEET

Chase & Sons® L962-50
Service Entrance Tape

CONSTRUCTION

Glass Scrim
Polyester Film

DESCRIPTION

Chase & Sons® L962-50 is a laminated tape composed of glass scrim bonded to polyester film with a fire retardant adhesive. It is primarily intended for use as a replacement for glass braid on SEU and SER Service Entrance Cable and can also be used as a bedding or binding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0045”	0.114 mm	ASTM D374
Weight	13.5 lb/csy	73.3 g/m²	Measured
Yield	7.4 sy/lb 1.25 lbs/mft @ 1” width	13.6 m²/kg 0.73 kg/km @ 10mm width	Calculated
Tensile Strength	18000 psi	124 MPa	Calculated
Break Strength	80 lbs/1” width	140 N/10mm width	ASTM D882
Flammability	Self-extinguishing when taped in place (contains non-flammable scrim)		

GENERAL PROPERTIES

Color	White
Surface	Dry PET side; slight tack reverse
Thread Count	20 x 10 (10 x 10 visual)”
Standard Core	3” or 6” Paper

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PRODUCT
DATA SHEET

Chase & Sons® L962-50C
Service Entrance Tape

CONSTRUCTION

Glass Scrim
Polyester Film

DESCRIPTION

Chase & Sons® L962-50C is a laminated tape composed of glass scrim bonded to polyester film with a fire retardant adhesive. It is primarily intended for use as a replacement for glass braid on SEU and SER Service Entrance Cable and can also be used as a bedding or binding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.005”	0.127 mm	ASTM D374
Weight	15 lb/csy	81.5 g/m²	Measured
Yield	6.7 sy/lb 1.39 lbs/mft @ 1” width	12.3 m²/kg 0.82 kg/km @ 10mm width	Calculated
Tensile Strength	20000 psi	138 MPa	Calculated
Break Strength	100 lbs/1” width	175 N/10mm width	ASTM D882
Flammability	Self-extinguishing when taped in place (contains non-flammable scrim)		

GENERAL PROPERTIES

Color	White
Surface	Dry PET side; slight tack reverse
Thread Count	20 x 10 (10 x 10 visual)”
Standard Core	3” or 6” Paper

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PRODUCT
DATA SHEET

Chase & Sons® L962-50HY
Service Entrance Tape

CONSTRUCTION

Glass Scrim
Polyester Film

DESCRIPTION

Chase & Sons® L962-50HY is a laminated tape composed of glass scrim bonded to polyester film with a fire retardant adhesive. It is primarily intended for use as a replacement for glass braid on SEU and SER Service Entrance Cable and can also be used as a bedding or binding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.005”	0.127 mm	ASTM D374
Weight	14.5 lb/csy	78.7 g/m²	Measured
Yield	6.9 sy/lb 1.34 lbs/mft @ 1” wide	12.7 m²/kg 0.79 kg/km @ 10mm width	Calculated
Tensile Strength	20000 psi	138 MPa	Calculated
Break Strength	100 lbs/1” width	175 N/10mm width	ASTM D882
Flammability	Self-extinguishing when taped in place (contains a non-flammable scrim)		

GENERAL PROPERTIES

Color	White
Surface	Dry PET side; slight tack reverse
Thread Count	20 x 10 (10 x 10 visual)”
Standard Core	3” or 6” Paper

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PRODUCT
DATA SHEET

Chase & Sons® L962-50P
Service Entrance Tape

CONSTRUCTION

Glass Scrim
Polypropylene Film

DESCRIPTION

Chase & Sons® L962-50P is a laminated tape composed of glass scrim bonded to polypropylene film with a fire retardant adhesive. It is primarily intended for use as a replacement for glass braid on SEU and SER Service Entrance Cable and can also be used as a bedding or binding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.004”	0.102 mm	ASTM D374
Weight	13 lb/csy	70.6 g/m²	Measured
Yield	7.7 sy/lb 1.20 lbs/mft @ 1” wide	14.2 m²/kg 0.71 kg/km @ 10mm width	Calculated
Tensile Strength	19000 psi	131 MPa	Calculated
Break Strength	75 lbs/1” width	131 N/10mm width	ASTM D882
Flammability	Self-extinguishing when taped in place (contains non-flammable scrim)		

GENERAL PROPERTIES

Color	White
Surface	Dry BOPP side; slight tack reverse
Thread Count	20 x 10 (10 x 10 visual)”
Standard Core	3” or 6” Paper

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CHASE
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Semi-Conductive Tapes

Semi-Conductive Tape Categories

Insulation Shield Products
Strand Shield Products

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PRODUCT
DATA SHEET

Chase & Sons® C7053
Semi-Conductive Tape

CONSTRUCTION
Nylon Fabric
Butyl Rubber

DESCRIPTION
Chase & Sons® C7053 is a semi-conducting butyl rubber coated nylon fabric tape consisting of a thin, printed cloth side and a heavier cured rubber side.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.01 in	0.254 mm	ASTM D374
Weight	50 lb/csy	271.5 gm/m²	Measured
Yield	2.0 sy/lb 4.63 lbs/mft @ 1" width	3.7 m²/kg 2.72 kg/km @ 10mm width	Calculated
Tensile Strength	7000 psi	48 MPa	Calculated
Break Strength	70 lbs/1" width	123 N/10mm width	ASTM D882
Elongation	45%	45%	ASTM D882
Surface Resistance	5000 Ω/sq max	5000 Ω/sq max	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/White "SEMI-CONDUCTING TAPE---REMOVE WHEN SPLICING OR TERMINATING". Alternate print colors are available by special order.
Surface	Dry, mica dusted, sulfur free
Standard Core	3" or 6", Paper

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PRODUCT
DATA SHEET

Chase & Sons® C7241
Semi-Conductive Tape

CONSTRUCTION Nylon Fabric
Butyl Rubber

DESCRIPTION Chase & Sons® C7241 is a semi-conducting butyl rubber coated nylon fabric tape consisting of a thin cured printed cloth side and a heavier uncured rubber side.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.01 in	0.254 mm	ASTM D374
Weight	50 lb/csy	271.5 gm/m²	Measured
Yield	2.0 sy/lb 4.63 lbs/mft @ 1" width	3.7 m²/kg 2.72 kg/km @ 10mm width	Calculated
Tensile Strength	7000 psi	48 MPa	Calculated
Break Strength	70 lbs/1" width	123 N/10mm width	ASTM D882
Elongation	45%	45%	ASTM D882
Surface Resistance	5000 Ω/sq max	5000 Ω/sq max	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/White "SEMI-CONDUCTING TAPE---REMOVE WHEN SPLICING OR TERMINATING", Alternate colors available special order.
Surface	Dry, mica dusted, sulfur free
Standard Core	3" or 6", Paper

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PRODUCT
DATA SHEET

Chase & Sons® C7413
Semi-Conductive Tape

CONSTRUCTION

Nylon Fabric
Rubber Coating

DESCRIPTION

Chase & Sons® C7413 is a semi-conducting tape composed of a thin, cured, printed cloth side and a heavier uncured rubber side. Ideal for RFI shielding in a low voltage instrument transformer coil or as a bedding layer to prevent wire slippage.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.01 in	0.254 mm	ASTM D374
Weight	49 lb/csy	266.1 gm/m²	Measured
Yield	2.0 sy/lb 4.54 lbs/mft @ 1" width	3.8 m²/kg 2.66 kg/km @ 10mm width	Calculated
Tensile Strength	8000 psi	55 MPa	Calculated
Break Strength	80 lbs/1" width	140 N/10mm width	ASTM D882
Elongation	40%	40%	ASTM D882
Surface Resistance	5000 Ω/sq max	5000 Ω/sq max	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/White "SEMI-CONDUCTING TAPE---REMOVE WHEN SPLICING OR TERMINATING". Alternate colors are available special order.
Surface	Mica dusted, sulfur free
Standard Core	3" or 6", Paper

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PRODUCT
DATA SHEET

Chase & Sons® S469R
Semi-Conductive Tape

CONSTRUCTION

Nylon Fabric
Coating

DESCRIPTION

Chase & Sons® S469R is a semi-conducting, high yield, vulcanized, printed nylon tape that has been treated to ensure clean stripping from most insulation compounds.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.006 in	0.152 mm	ASTM D374
Weight	47.6 lb/csy	258.5 gm/m²	Measured
Yield	2.1 sy/lb 4.41 lbs/mft @ 1" width	3.9 m²/kg 2.58 kg/km @ 10mm width	Calculated
Tensile Strength	11500 psi	79 MPa	Calculated
Break Strength	70 lbs/1" width	123 N/10mm width	ASTM D882
Elongation	40%	40%	ASTM D882
Surface Resistance	5000 Ω/sq max	5000 Ω/sq max	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/White "SEMI-CONDUCTING TAPE---REMOVE WHEN SPLICING OR TERMINATING"
Surface	Dry, dust free
Standard Core	3" or 6", Paper

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PRODUCT
DATA SHEET

Chase & Sons® L79
Conductive Tape

CONSTRUCTION

Dacron Fabric
Coating

DESCRIPTION

Chase & Sons® L79 is a thin Dacron fabric saturated with a cross-linked conductive material to give a micro-porous, flexible, dry surfaced, highly conductive, high tensile strength tape. This material has a long life, is non-rotting and will not distort under extreme conditions.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.004 in	0.102 mm	ASTM D374
Weight	15.5 lb/csy	84.2 gm/m²	Measured
Yield	6.5 sy/lb 1.44 lbs/mft @ 1" width	11.9 m²/kg 0.84 kg/km @ 10mm width	Calculated
Tensile Strength	17500 psi	121 MPa	Calculated
Break Strength	70 lbs/1" width	123 N/10mm width	ASTM D882
Elongation	25%	25%	ASTM D882
Surface Resistance	1000 Ω/sq max	1000 Ω/sq max	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/Unprinted
Surface	Dry, non-chalky
Standard Core	3" or 6", Paper

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PRODUCT
DATA SHEET

Chase & Sons® S208A
Semi-Conductive Tape

CONSTRUCTION

Nomex® Fabric
Acrylic Coating

DESCRIPTION

Chase & Sons® S208A is a semi-conducting Nomex® tape which is impregnated with a cured, high temperature resistant compound designed for those shielding applications which demand high temperature resistance and durability.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.004 in	0.102 mm	ASTM D374
Weight	16 lb/csy	86.9 gm/m²	Measured
Yield	6.3 sy/lb 1.48 lbs/mft @ 1" width	11.5 m²/kg 0.87 kg/km @ 10mm width	Calculated
Break Strength	35 lbs/1" width	61 N/10mm width	ASTM D882
Tensile Strength	9000 psi	62 MPa	Calculated
Elongation	35%	35%	ASTM D882
Surface Resistance	1000 max Ω/sq	1000 max Ω/sq	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/Unprinted
Surface	Dry, non-chalky
Standard Core	3" or 6", Paper

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PRODUCT
DATA SHEET

Chase & Sons® S333
Semi-Conductive Tape

CONSTRUCTION

Nylon Fabric
Coating

DESCRIPTION

Chase & Sons® S333 is a semi-conducting vulcanized nylon tape. It is designed as a strand shield tape, resistant to the penetration of insulating compounds during vulcanization in most applications, even when used as a single ply longitudinally inserted tape with CV or Salt curing systems.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.006 in	0.152 mm	ASTM D374
Weight	20 lb/csy	108.6 gm/m²	Measured
Yield	5.0 sy/lb 1.85 lbs/mft @ 1" width	9.2 m²/kg 1.08 kg/km @ 10mm width	Calculated
Tensile Strength	11500 psi	79 MPa	Calculated
Break Strength	70 lbs/1" width	123 N/10mm width	ASTM D882
Elongation	20%	20%	ASTM D882
Surface Resistance	5000 Ω/sq max	5000 Ω/sq max	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/Printed by special order
Surface	Dry, dust free
Standard Core	3" or 6", Paper

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PRODUCT
DATA SHEET

Chase & Sons® S333K
Semi-Conductive Tape

CONSTRUCTION

Nylon Fabric
Coating

DESCRIPTION

Chase & Sons® S333K is a semi-conducting vulcanized nylon tape. It is designed as a strand shield tape, resistant to the penetration of insulating compounds during vulcanization in most applications, even when used as a single ply longitudinally inserted tape with CV or Salt curing systems. S333K is also suitable for use as an electrostatic shielding tape in a wide variety of applications.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.006 in	0.152 mm	ASTM D374
Weight	22.5 lb/csy	122.2 gm/m²	Measured
Yield	4.4 sy/lb 2.08 lbs/mft @ 1" width	8.2 m²/kg 1.22 kg/km @ 10mm width	Calculated
Tensile Strength	11500 psi	79 MPa	Calculated
Break Strength	70 lbs/1" width	123 N/10mm width	ASTM D882
Elongation	20%	20%	ASTM D882
Surface Resistance	5000 Ω/sq max	5000 Ω/sq max	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/Printed by special order
Surface	Dry, dust free
Standard Core	3" or 6", Paper

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PRODUCT
DATA SHEET

Chase & Sons® S333PNS
Semi-Conductive Tape

CONSTRUCTION

Nylon Fabric
Coating

DESCRIPTION

Chase & Sons® S333PNS is a semi-conducting vulcanized, non-staining, and printed nylon tape for use as an insulation or electrostatic shield in a variety of applications.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.006 in	0.152 mm	ASTM D374
Weight	20.5 lb/csy	111.3 gm/m²	Measured
Yield	4.9 sy/lb 1.90 lbs/mft @ 1" width	9.0 m²/kg 1.11 kg/km @ 10mm width	Calculated
Tensile Strength	11500 psi	79 MPa	Calculated
Break Strength	70 lbs/1" width	123 N/10mm width	ASTM D882
Elongation	40%	40%	ASTM D882
Surface Resistance	7500 Ω/sq max	7500 Ω/sq max	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/White "SEMI-CONDUCTING TAPE---REMOVE WHEN SPLICING OR TERMINATING"
Surface	Dry, dust free
Standard Core	3" or 6", Paper

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PRODUCT
DATA SHEET

Chase & Sons® S379
Semi-Conductive Tape

CONSTRUCTION

Nylon Fabric
Coating

DESCRIPTION

Chase & Sons® S379 is an extra strength semi-conducting nylon tape. Intended for use as a strand shield tape for large diameter core applications where extra binding and cut resistance are required. S-379 will bond only to insulating compounds extruded in place over the surface.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.008 in	0.203 mm	ASTM D374
Weight	30 lb/csy	162.9 gm/m²	Measured
Yield	3.3 sy/lb 2.78 lbs/mft @ 1" width	6.1 m²/kg 1.63 kg/km @ 10mm width	Calculated
Tensile Strength	11500 psi	79 MPa	Calculated
Break Strength	90 lbs/1" width	158 N/10mm width	ASTM D882
Elongation	50%	50%	ASTM D882
Surface Resistance	7500 Ω/sq max	7500 Ω/sq max	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/Unprinted
Surface	Dry, dust free, sulfur free
Standard Core	3" or 6", Paper

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Chase & Sons® S379L
Semi-Conductive Tape

CONSTRUCTION

Polyester Fabric
Coating

DESCRIPTION

Chase & Sons® S379L is a semi-conducting, acrylic coated, polyester fabric tape. It is intended for use as a strand shield tape for large diameter core applications where extra binding and cut resistance are required. S379L will bond only to insulating compounds extruded in place over the surface.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.008 in	0.203 mm	ASTM D374
Weight	26 lb/csy	141.2 gm/m²	Measured
Yield	3.8 sy/lb 2.41 lbs/mft @ 1" width	7.1 m²/kg 1.41 kg/km @ 10mm width	Calculated
Tensile Strength	11500 psi	79 MPa	Calculated
Break Strength	90 lbs/1" width	158 N/10mm width	ASTM D882
Elongation	20%	20%	ASTM D882
Surface Resistance	7500 Ω/sq max	7500 Ω/sq max	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/Printed
Surface	Dry, dust free, sulfur free
Standard Core	3" or 6", Paper

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PRODUCT
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Chase & Sons® S379P
Semi-Conductive Tape

CONSTRUCTION

Polyester Fabric
Coating

DESCRIPTION

Chase & Sons® S379P is a heavy weight semi-conducting polyester fabric tape. Intended for use as a strand shield tape for large diameter core applications where extra binding and cut resistance are required. S379P will bond only to insulating compounds extruded in place over the surface.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.008 in	0.203 mm	ASTM D374
Weight	32 lb/csy	173.8 gm/m²	Measured
Yield	3.1 sy/lb 2.96 lbs/mft @ 1" width	5.8 m²/kg 1.74 kg/km @ 10mm width	Calculated
Tensile Strength	11500 psi	79 MPa	Calculated
Break Strength	90 lbs/1" width	158 N/10mm width	ASTM D882
Elongation	20%	20%	ASTM D882
Surface Resistance	7500 Ω/sq max	7500 Ω/sq max	ASTM F1529

GENERAL PROPERTIES

Color/Print	Black/Printed
Surface	Dry, dust free, sulfur free
Standard Core	3" or 6", Paper

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Strand Fill Compound

Strand Fill Compound Categories

Chase BIH$_2$Ock® Products

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PRODUCT DATA SHEET

Chase & Sons® A162A
Chase BlH_2Ock® Strand Fill

DESCRIPTION

Chase & Sons® A162A is a a unique, flexible, semi-conducting thermoplastic compound designed as a strand filling, water blocking agent for stranded conductor power cables. Pumped into the interstices of the stranded conductor core during the stranding operation, Chase BlH_2Ock® is designed to prevent the ingress and longitudinal migration of water within the conductor.

TECHNICAL DATA

Specific Gravity	1.17	Chase TP123
Resistivity	5000 Ω max	ASTM D257
Melt Index	35 - 70 g/10 min @ 150°C	ASTM D1238, C

SATISFIED STANDARDS

Compatibility	ICEA T-32-645 (6/90 Rev 3)
Stability	ICEA T-25-425 (2/81)
Water Penetration	ICEA T-31-610 (1/89 Rev 6)

GENERAL PROPERTIES

Color	Black
Packaging	55 Gallon Drums, Fiber or Steel

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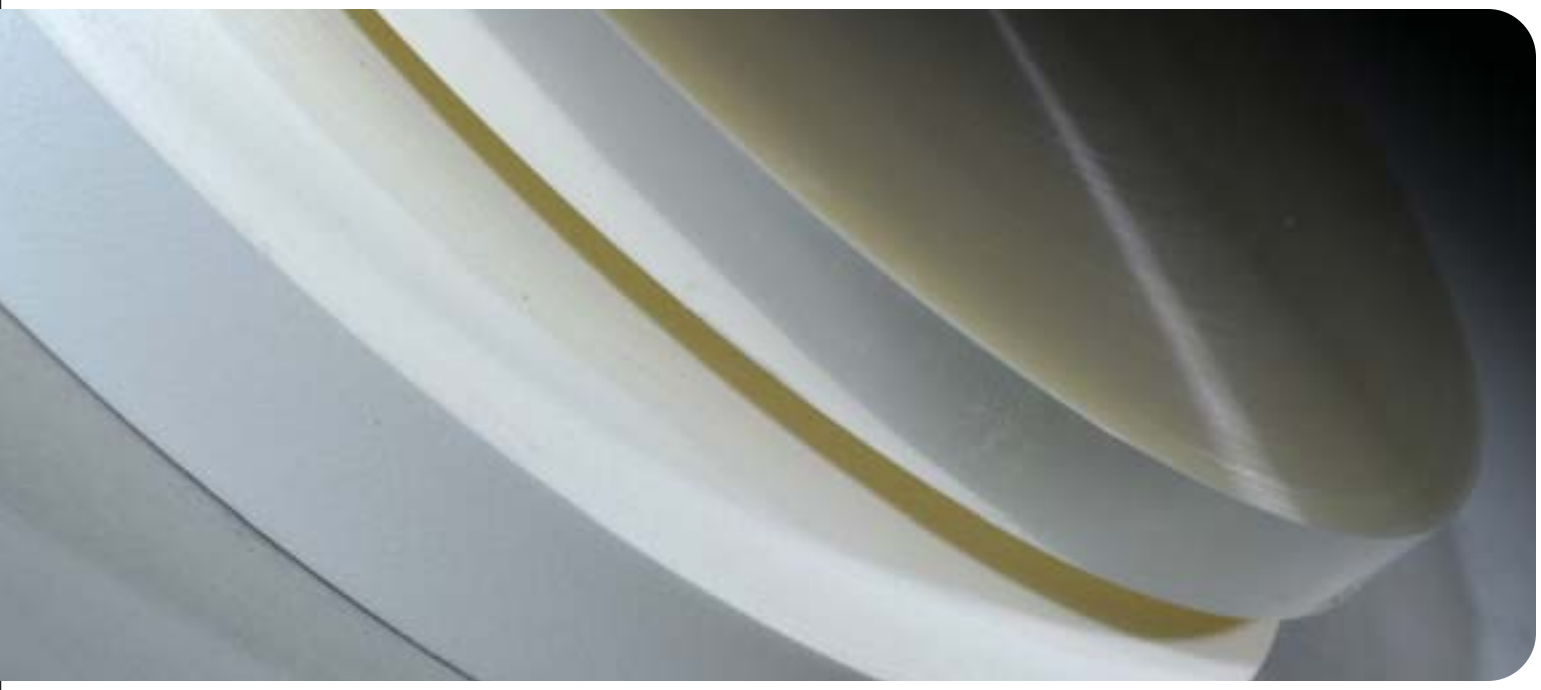

Binder / Bedding Tapes

Binder / Bedding Tapes Categories

Fabrics

Coated Fabrics

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PRODUCT
DATA SHEET

Chase & Sons® CP100
Binder Tape

CONSTRUCTION Nylon Fabric

DESCRIPTION Chase & Sons® CP100 is an uncoated nylon fabric tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0041 in	0.104 mm	ASTM D374
Weight	10 lb/csy	54.3 gm/m²	Measured
Yield	10.0 sy/lb 0.93 lbs/mft @ 1" width	18.4 m²/kg 0.54 kg/km @ 10mm width	Calculated
Tensile Strength	17000 psi	117 MPa	ASTM D882
Break Strength	70 lbs/1" width	123 N/10mm	Calculated

GENERAL PROPERTIES

Color	Natural
Surface	Dry
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S258
Binder Tape

CONSTRUCTION

Nylon Fabric
Neoprene Coating

DESCRIPTION

Chase & Sons® S258 is a thin, lightweight, strong, cured, double-faced Neoprene coated nylon. Designed as a high performance binder tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.005 in	0.127 mm	ASTM D374
Weight	21 lb/csy	114.0 gm/m²	Measured
Yield	4.8 sy/lb 1.94 lbs/mft @ 1" width	8.8 m²/kg 1.14 kg/km @ 10mm width	Calculated
Tensile Strength	16000 psi	110 MPa	ASTM D882
Break Strength	80 lbs/1" width	140 N/10mm width	Calculated
Elongation	25%	25%	ASTM D882

GENERAL PROPERTIES

Color	Black
Surface	Dry, tack-free, dust free
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S259
Binder Tape

CONSTRUCTION

Nylon Fabric
Neoprene Coating

DESCRIPTION

Chase & Sons® S259 is a single-faced, cured Neoprene coated nylon fabric. Designed for binder applications where it is beneficial that the coating is only on one side of the tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.005 in	0.127 mm	ASTM D374
Weight	16 lb/csy	86.9 gm/m²	Measured
Yield	6.3 sy/lb 1.48 lbs/mft @ 1" width	11.5 m²/kg 0.87 kg/km @ 10mm width	Calculated
Tensile Strength	16000 psi	110 MPa	ASTM D882
Break Strength	80 lbs/1" width	140 N/10mm width	Calculated
Elongation	25%	25%	ASTM D882

GENERAL PROPERTIES

Color	Black, other colors available by special order
Surface	Dry, tack-free, dust free
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S259T
Binder Tape

CONSTRUCTION

Nylon Fabric
Neoprene Coating

DESCRIPTION

Chase & Sons® S259T is a single-faced, cured Neoprene coated nylon fabric. Designed for binder applications where it is beneficial that the coating is only on one side of the tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.005 in	0.127 mm	ASTM D374
Weight	16 lb/csy	86.9 gm/m²	Measured
Yield	6.3 sy/lb 1.48 lbs/mft @ 1" width	11.5 m²/kg 0.87 kg/km @ 10mm width	Calculated
Tensile Strength	15000 psi	104 MPa	ASTM D882
Break Strength	75 lbs/1" width	131 N/10mm width	Calculated
Elongation	25%	25%	ASTM D882

GENERAL PROPERTIES

Color	Black, other colors available by special order
Surface	Dry, tack-free, dust free
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S260
Binder Tape

CONSTRUCTION

Cotton Blended Fabric
SBR Coating

DESCRIPTION

Chase & Sons® S260 is a light-weight, single-faced SBR coated cotton blended tape for use as a binder or as an identification tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0110 in	0.279 mm	ASTM D374
Weight	26 lb/csy	141.2 gm/m²	Measured
Yield	3.8 sy/lb 2.41 lbs/mft @ 1" width	7.1 m²/kg 1.41 kg/km @ 10mm width	Calculated
Tensile Strength	4000 psi	28 MPa	ASTM D882
Break Strength	45 lbs/1" width	79 N/10mm width	Calculated
Elongation	8%	8%	ASTM D882

GENERAL PROPERTIES

Color	Black, White, Yellow, Orange, Red, Green, Blue, or Brown
Surface	Vulcanized, dry, dust free on coated side; fabric reverse
Standard Core	3" or 6" Paper

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PRODUCT DATA SHEET

Chase & Sons® S261 Binder Tape

CONSTRUCTION

Cotton Blended Fabric
SBR Coating

DESCRIPTION

Chase & Sons® S261 is a light-weight, double-faced SBR coated cotton blended tape for use as a binder or identification tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.011 in	0.279 mm	ASTM D374
Weight	35 lb/csy	190.1 gm/m²	Measured
Yield	2.9 sy/lb 3.24 lbs/mft @ 1" width	5.3 m²/kg 1.90 kg/km @ 10mm width	Calculated
Tensile Strength	4500 psi	31 MPa	ASTM D882
Break Strength	50 lbs/1" width	88 N/10mm width	Calculated
Elongation	5%	5%	ASTM D882

GENERAL PROPERTIES

Color	Black, White, Yellow, Orange, Red, Green, or Blue
Surface	Vulcanized, dry, dust free
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S262
Binder Tape

CONSTRUCTION

Cotton Blended Fabric
SBR Coating

DESCRIPTION

Chase & Sons® S262 is a single-faced SBR impregnated cotton blended tape for use as a binder or identification tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.011 in	0.279 mm	ASTM D374
Weight	35 lb/csy	190.1 gm/m²	Measured
Yield	2.9 sy/lb 3.24 lbs/mft @ 1" width	5.3 m²/kg 1.90 kg/km @ 10mm width	Calculated
Tensile Strength	4500 psi	31 MPa	ASTM D882
Break Strength	50 lbs/1" width	88 N/10mm width	Calculated
Elongation	5%	5%	ASTM D882

GENERAL PROPERTIES

Color	Black, White, Yellow, Orange, Red, Green, Blue, or Brown
Surface	Vulcanized, dry, dust free on coated side; fabric reverse
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S344
Binder Tape

CONSTRUCTION

Poly-Cotton Fabric
Neoprene Coating

DESCRIPTION

Chase & Sons® S344 is a single-faced, cured neoprene coated poly-cotton tape for use as a bedding and binder tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.011 in	0.279 mm	ASTM D374
Weight	25 lb/csy	135.8 gm/m²	Measured
Yield	4.0 sy/lb 2.31 lbs/mft @ 1" width	7.4 m²/kg 1.36 kg/km @ 10mm width	Calculated
Tensile Strength	4000 psi	28 MPa	ASTM D882
Break Strength	45 lbs/1" width	79 N/10mm width	Calculated
Elongation	7%	7%	ASTM D882

GENERAL PROPERTIES

Color	Black coated side; natural reverse
Surface	Cured
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S352
Binder Tape

CONSTRUCTION

Cotton Fabric
Neoprene Coating

DESCRIPTION

Chase & Sons® S352 is a single-faced, cured neoprene coated cotton tape for use as a bedding and binder tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0175 in	0.445 mm	ASTM D374
Weight	44 lb/csy	238.9 gm/m²	Measured
Yield	2.3 sy/lb 4.07 lbs/mft @ 1" width	4.2 m²/kg 2.39 kg/km @ 10mm width	Calculated
Tensile Strength	4500 psi	31 MPa	ASTM D882
Break Strength	80 lbs/1" width	140 N/10mm width	Calculated
Elongation	7%	7%	ASTM D882

GENERAL PROPERTIES

Color	Black coated side; natural reverse
Surface	Cured
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S439
Binder Tape

CONSTRUCTION

Polyester Fabric
SBR Base Coating

DESCRIPTION

Chase & Sons® S439 is a single-faced SBR coated polyester tape for use as a binder or identification tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0075 in	0.191 mm	ASTM D374
Weight	26 lb/csy	141.2 gm/m²	Measured
Yield	3.8 sy/lb 2.41 lbs/mft @ 1" width	7.1 m²/kg 1.41 kg/km @ 10mm width	Calculated
Tensile Strength	14500 psi	100 MPa	ASTM D882
Break Strength	110 lbs/1" width	193 N/10mm	Calculated
Elongation	20%	20%	ASTM D882
Static Coefficient of Friction	0.36	0.36	Calculated

GENERAL PROPERTIES

Color	Black, White, Yellow, Orange, Red, Green, Blue, or Brown
Surface	Vulcanized, dry, dust free on coated side; fabric reverse
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S439N
Binder Tape

CONSTRUCTION

Nylon Fabric
SBR Coating

DESCRIPTION

Chase & Sons® S439N is a light-weight, single-faced SBR coated nylon tape for use as a binder or identification tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0055 in	0.140 mm	ASTM D374
Weight	21 lb/csy	114.0 gm/m²	Measured
Yield	4.8 sy/lb 1.94 lbs/mft @ 1" width	8.8 m²/kg 1.14 kg/km @ 10mm width	Calculated
Tensile Strength	12000 psi	83 MPa	ASTM D882
Break Strength	65 lbs/1" width	114 N/10mm width	Calculated
Elongation	30%	30%	ASTM D882

GENERAL PROPERTIES

Color	Black, White, Yellow, Orange, Red, Green, Blue, or Brown
Surface	Vulcanized, dry, dust free on coated side; fabric reverse
Standard Core	3" or 6" Paper

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PRODUCT
DATA SHEET

Chase & Sons® S440
Binder Tape

CONSTRUCTION

Polyester Fabric
SBR Coating

DESCRIPTION

Chase & Sons® S440 is a single-faced SBR impregnated polyester tape for use as a binder or identification tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0085 in	0.216 mm	ASTM D374
Weight	40 lb/csy	217.2 gm/m²	Measured
Yield	2.5 sy/lb 3.70 lbs/mft @ 1" width	4.6 m²/kg 2.17 kg/km @ 10mm width	Calculated
Tensile Strength	14500 psi	100 MPa	ASTM D882
Break Strength	125 lbs/1" width	219 N/10mm width	Calculated
Elongation	20%	20%	ASTM D882

GENERAL PROPERTIES

Color	Black, White, Yellow, Orange, Red, Green, or Blue
Surface	Vulcanized, dry, dust free on coated side; fabric reverse
Standard Core	3" or 6" Paper
Other	Moisture Absorption: 2% maximum Thermal Resistance: Short Term 300ºF, Long Term 200ºF

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PRODUCT
DATA SHEET

Chase & Sons® S441
Binder Tape

CONSTRUCTION

Polyester Fabric
SBR Coating

DESCRIPTION

Chase & Sons® S441 is a double-faced SBR coated polyester tape for use as a binder or identification tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.0085 in	0.216 mm	ASTM D374
Weight	37.5 lb/csy	203.6 gm/m²	Measured
Yield	2.7 sy/lb 3.47 lbs/mft @ 1" width	4.9 m²/kg 2.03 kg/km @ 10mm width	Calculated
Tensile Strength	13000 psi	90 MPa	ASTM D882
Break Strength	110 lbs/1" width	193 N/10mm width	Calculated
Elongation	20%	20%	ASTM D882

GENERAL PROPERTIES

Color	Black, White, Yellow, Orange, Red, Green, Blue, or Brown
Surface	Vulcanized, dry, dust free
Standard Core	3" or 6" Paper
Other	Moisture Absorption: 2% maximum Thermal Resistance: Short Term 300°F, Long Term 200°F

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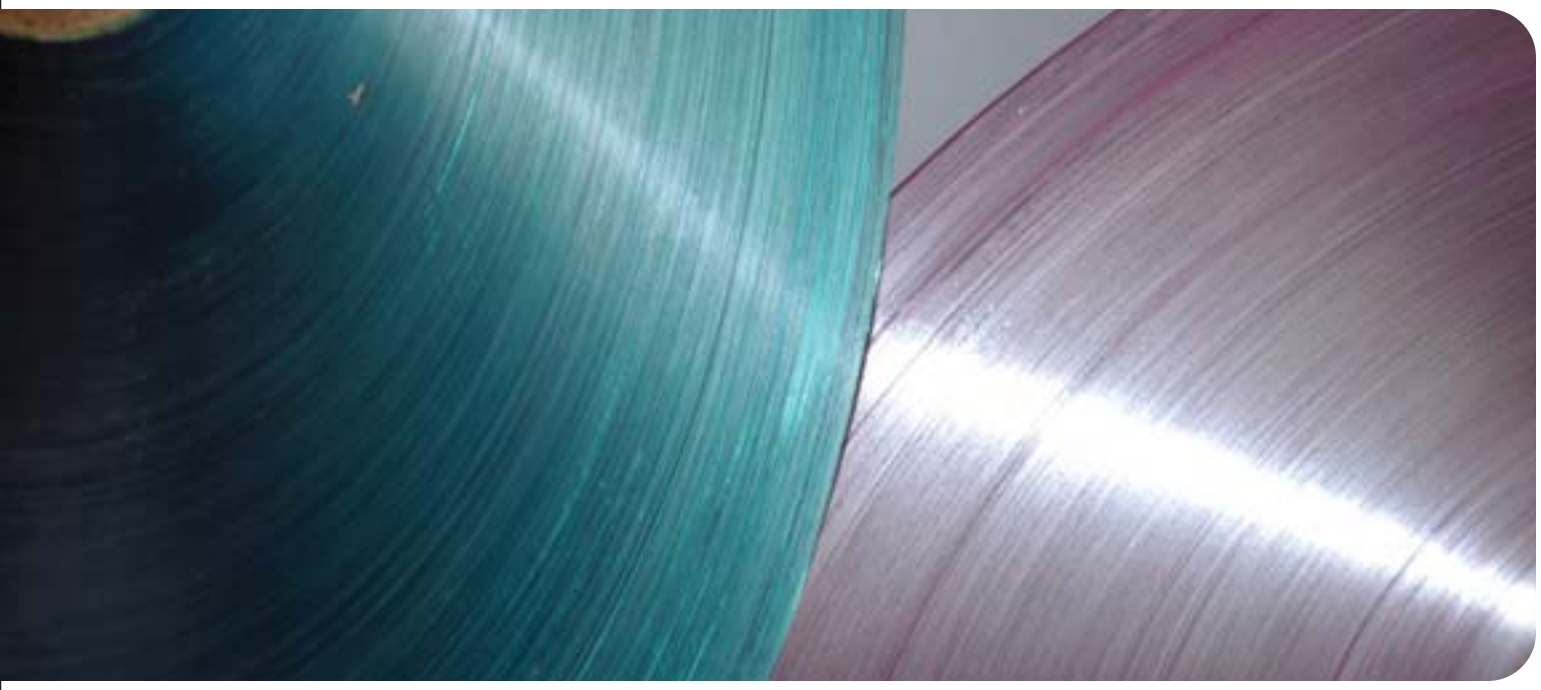

CATV Tapes

CATV Tape Categories

Foil / Film / Foil Laminates

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PRODUCT
DATA SHEET

Chase & Sons® LG926
Shielding Tape

CONSTRUCTION

0.00035" (9µ) Aluminum Foil
0.00100" (25µ) Polyester Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG926 is a tri-laminate of polyester film and aluminum foils intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00170"	0.043 mm	ASTM D374
Weight	15.0 lb/csy	81.5 g/m²	Measured
Yield	6.7 sy/lb 1.39 lbs/mft @ 1" width	12.3 m²/kg 0.81 kg/km @ 10mm width	Calculated
Tensile Strength	20000 psi	138 MPa	Calculated
Break Strength	34 lbs/1" width	60 N/10mm width	ASTM D882
Elongation	110%	110%	ASTM D882
Density		1.89 g/cc	Calculated

GENERAL PROPERTIES

Color	Natural
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT
DATA SHEET

Chase & Sons® LG1204
Shielding Tape

CONSTRUCTION

0.00035" (9µ) Aluminum Foil
0.00090" (23µ) Polypropylene Film
0.00035" (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1204 is a tri-laminate of polypropylene film and aluminum foils intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00170"	0.043 mm	ASTM D374
Weight	12.5 lb/csy	67.9 g/m²	Measured
Yield	8.0 sy/lb 1.16 lbs/mft @ 1" width	14.7 m²/kg 0.68 kg/km @ 10mm width	Calculated
Tensile Strength	15500 psi	107 MPa	Calculated
Break Strength	26 lbs/1" width	46 N/10mm width	ASTM D882
Elongation	60%	60%	ASTM D882
Density		1.57 g/cc	Calculated

GENERAL PROPERTIES

Color	Natural
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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PRODUCT DATA SHEET

Chase & Sons® LG1200 Shielding Tape

CONSTRUCTION

0.00090” (23µ) Heat Fusible Film
0.00035” (9µ) Aluminum Foil
0.00090” (23µ) Polypropylene Film
0.00035” (9µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1200 is a laminate of polypropylene film, aluminum foils and an additional heat fusible layer. The end product is intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00270”	0.069 mm	ASTM D374
Weight	16.7 lb/csy	90.5 g/m²	Measured
Yield	6.0 sy/lb 1.54 lbs/mft @ 1” width	11.0 m²/kg 0.90 kg/km @ 10mm width	Calculated
Tensile Strength	13500 psi	93 MPa	Calculated
Break Strength	36 lbs/1” width	63 N/10mm width	ASTM D882
Elongation	60%	60%	ASTM D882
Density		1.32 g/cc	Calculated

GENERAL PROPERTIES

Color	Blue
Core	3” or 6”, Paper
Standard Pad Put-up	3”x12, 15, 18” or 6”x18”
Traverse Pad Put-up	3”x12”x3, 6, 12”

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PRODUCT
DATA SHEET

Chase & Sons® LG1142
Shielding Tape

CONSTRUCTION

0.00100" (25µ) Aluminum Foil
0.00100" (25µ) Polyester Film
0.00100" (25µ) Aluminum Foil

DESCRIPTION

Chase & Sons® LG1142 is a tri-laminate of polyester film and aluminum foils intended for use as a shielding tape.

TECHNICAL DATA

Property	US Customary	Metric	Test Method
Thickness	0.00300"	0.076 mm	ASTM D374
Weight	32.5 lb/csy	176.5 g/m²	Measured
Yield	3.1 sy/lb 3.01 lbs/mft @ 1" width	5.7 m²/kg 1.76 kg/km @ 10mm width	Calculated
Tensile Strength	12500 psi	86 MPa	Calculated
Break Strength	38 lbs/1" width	67 N/10mm width	ASTM D882
Elongation	16%	16%	ASTM D882
Density		2.32 g/cc	Calculated

GENERAL PROPERTIES

Color	Natural
Standard Core	3" or 6", Paper
Standard Pad Put-up	3"x12, 15, 18" or 6"x18"
Traverse Pad Put-up	3"x12"x3, 6, 12"

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