



## Wire & Cable Line Card



We take **wire & cable** personally.



**Manufacturers of wire and cable products have unique and complex material requirements. M. Holland offers a wide variety of plastic compounds, gels, tapes and copper conductors to meet the industry's diversified needs, allowing us to be a single-source supplier.**

Beyond the distribution of materials, we offer expert process support to assist our clients in the manufacture of their products to meet industry specifications. And because our materials ship from seven strategically located warehouses throughout North America, we help keep the supply chain reliable. Our Technical Development Experts (TDEs) will get you there faster, with deep technical expertise and experience across a wide range of services.

Supplier	Material	Grade	Density (g/cm)	Use Temp	MFR	Shore Hardness	Details
<b>AdvanSix</b>	Aegis™ Nylon 6, 6/6 Extrusion Compounds	H155C1HXI-W01	1.12				Superior fatigue and crack resistance for mechanical cables and wire ropes
<b>AdvanSix</b>	Aegis™ Nylon 6 Extrusion Compounds	H55WC01	1.15	220°C			Standard grade, suitable for high-speed extrusion, UL listed
<b>AdvanSix</b>	Aegis™ Nylon 6 Extrusion Compounds	H55WCX	1.15	220°C			Better flexibility for enhanced crack resistance
<b>AdvanSix</b>	Aegis™ Nylon 6 Extrusion Compounds	H85WC01	1.13	220°C			Lower fuming grade, higher viscosity
<b>AGC</b>	Fluon® ETFE Resins	C-55AP	1.74	150°C	3.9–6.5	67D	LOI 32
<b>AGC</b>	Fluon® ETFE Resins	C-55AXP	1.73	150°C	3.9–6.5	67D	Better ESCR performance, LOI 32
<b>AGC</b>	Fluon® ETFE Resins	C-88AP	1.74	150°C	9.0–12.0	67D	LOI 32
<b>AGC</b>	Fluon® ETFE Resins	C-88AXP	1.73	150°C	9.0–12.0	67D	Better ESCR performance, LOI 32
<b>AGC</b>	Fluon® ETFE Resins	C-88AXMP	1.73	150°C	27.0–43	67D	Better ESCR performance, LOI 32
<b>AGC</b>	Fluon® ETFE Resins	C-88AXMP-HT	1.75	200°C	27.0–43	67D	Better ESCR performance, LOI 32
<b>AGC</b>	Fluon® ETFE Resins	HR-907	1.77	180°C	Nominal 7		
<b>AGC</b>	Fluon® ETFE Resins	HR-930	1.77	180°C	Nominal 30		
<b>AGC</b>	Fluon® ETFE Resins	LM-720AP	1.78	>150°C	10.0–20.0	65D	Lower melt point, LOI 40
<b>AGC</b>	Fluon® ETFE Resins	LM-730AP	1.78	>150°C	20.0–30.0	65D	Lower melt point, LOI 40
<b>AGC</b>	Fluon® ETFE Resins	LM-740AP	1.78	>150°C	30.0–40.0	65D	Lower melt point, LOI 40
<b>AGC</b>	Fluon® PFA Resins	P-66P	2.14	260°C	2	60D	LOI >95
<b>AGC</b>	Fluon® PFA Resins	P-65P	2.14	260°C	5	60D	LOI >95
<b>AGC</b>	Fluon® PFA Resins	P-63P	2.14	260°C	12	60D	LOI >95
<b>AGC</b>	Fluon® PFA Resins	P-62XP	2.14	260°C	30	60D	LOI >95
<b>AGC</b>	Fluon® Color Concentrates	FEP 100 Series			5–9		1-2% addition level
<b>AGC</b>	Fluon® Color Concentrates	FEP 9400 Series			22–33		3-4% addition level
<b>AGC</b>	Fluon® Color Concentrates	FEP 9800 Series			15–30		1-2% addition level
<b>AGC</b>	Fluon® Color Concentrates	PVDF 9 Series			9–17		1-2% addition level
<b>AGC</b>	Fluon® Color Concentrates	ETFE C-88AXM Series			12–26		1-2% addition level
<b>AGC</b>	Fluon® Color Concentrates	ETFE C-88AXM-HT Series			12–26		1-2% addition level
<b>AGC</b>	Fluon® Color Concentrates	ETFE 7 Series			5–13		1-2% addition level

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<b>AGC</b>	Fluon® Color Concentrates	PFA P62X Series			23–31		1-2% addition level
<b>AGC</b>	Fluon® Color Concentrates	PFA 2100 Series			11-16		4-6% addition level
<b>AGC</b>	Fluon® Color Concentrates	MFA 620 Series					
<b>AGC</b>	Fluon® Color Concentrates	MFA 640 Series					
<b>BASF</b>	Ultramid® Nylon 6 Extrusion Compounds	B27 HM 01	1.13	220°C	n/a		Standard grade, suitable for high-speed extrusion, UL and CSA Listed
<b>BASF</b>	Ultramid® Nylon 6/6 Glass Filled Compounds						
<b>BASF</b>	Ultradur® PBT Buffer Tube Compounds	B6550 LN	1.30	230–290°C	9.5		
<b>Borealis</b>	Communications-Jacketing	LE 6022	0.931		0.2		Black, copolymer modified LDPE
<b>Borealis</b>	Communications-Jacketing	LE 8706	0.923		0.85		Natural, Borstar® bimodal LLDPE containing UV
<b>Borealis</b>	Communications-Jacketing	LE 8707	0.936		0.85		Black, Borstar® bimodal LLDPE containing 2.6% carbon black
<b>Borealis</b>	Communications-Jacketing	ME 6053	0.936		0.7		Natural, Borstar® bimodal MDPE containing UV
<b>Borealis</b>	Communications-Jacketing	ME 6052	0.948		0.7		Black, Borstar® bimodal MDPE containing 2.5 % carbon black
<b>Borealis</b>	Communications-Jacketing	HE 6063	0.946		0.5		Natural, Borstar® bimodal HDPE containing UV
<b>Borealis</b>	Communications-Jacketing	HE 6062	0.958		0.5		Black, Borstar® bimodal HDPE containing 2.5 % carbon black
<b>Borealis</b>	Communications-Insulation	LE 6006	0.918		0.3		Natural, low-loss solid LDPE for coaxial cables
<b>Borealis</b>	Communications-Insulation	ME 6032	0.928		0.3		Natural, solid MDPE containing metal deactivator for high-speed extrusion of data cables
<b>Borealis</b>	Communications-Insulation	HE 3366	0.945		0.7		Natural, solid HDPE for high-speed extrusion of telephone singles
<b>Borealis</b>	Visico™ Low Voltage XLPE	LE 4423/LE 4437	0.923		0.9		Natural, moisture curable, LD LV XLPE system up to 6kV for UL 854 USE, USE2 and CSA RW-90
<b>Borealis</b>	Visico™ Low Voltage XLPE	LE 4423/LE 4476	0.923		1		Natural, Ambicat™ moisture curable, LD LV XLPE system up to 6kV for UL 854 USE, USE2 and CSA RW-90
<b>Borealis</b>	Visico™ Low Voltage XLPE	LE 4423/LE 4432	0.923		0.9		Black, moisture curable, LD LV XLPE system up to 6kV for UL 854 USE, USE2 and CSA RW-90
<b>Borealis</b>	Visico™ Low Voltage XLPE	LE 4421/LE 4437	0.923		0.9		Natural, moisture curable, LD LV XLPE system up to 6kV for UL 854 USE, USE2 and CSA RW-90
<b>Borealis</b>	Visico™ Low Voltage XLPE	LE 4421/LE 4476	0.923		0.9		Natural, Ambicat™ moisture curable, LD LV XLPE system up to 6kV for UL 854 USE, USE2 and CSA RW-90

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Borealis	Visico™ Low Voltage XLPE	LE 4421/LE 4432	0.923		0.9		Black, Ambicat™ moisture curable, LD LV XLPE system up to 6kV for UL 854 USE, USE2 and CSA RW-90
Borealis	Visico™ Low Voltage XLPE	ME 4425/LE 4438	0.93		1		Natural,moisture curable, MDPE LV XLPE system for up to 6kV
Borealis	Visico™ Low Voltage XLPE	FR 4450/LE 4439	1.1		0.7		Natural, moisture curable 0 Hal FR XLPE system, HB for UL 44,854,2885 and CSA RW-90
Borealis	Visico™ Low Voltage XLPE	FR 4450/LE 4433	1.1		0.7		Black, moisture curable 0 Hal FR XLPE system, HB for UL 44,854,2885 and CSA RW-90
Borealis	Automotive/Appliance	FR 4830	1.4				Natural, peroxide crosslinkable 0 Hal FR insulation for primary automotive and appliance wire
Borealis	Automotive/Appliance	FR 4845	1.4				Natural, irradiation crosslinkable 0 Hal FR insulation for primary automotive wire
Borealis	Automotive/Appliance	FR 4850	1.35		1		Natural, 0 Hal FR PP based thermoplastic insulation for primary automotive wire, 1.5MM2 and finer
Borealis	Automotive/Appliance	FR 4852	1.27		0.9		Natural, 0 Hal FR PP based thermoplastic insulation for primary automotive wire, 2.5MM2 and larger
Borealis	Semiconductive Compounds	LE 0542	1.127		13		Moisture curable semicon conductor shield to be co-extruded with moisture cure XLPE insulation
Borealis	Semiconductive Compounds	LE 0563	1.06		0.2		Thermoplastic semiconductive jacketing compound
Borealis	Polypropylene	BC 545M0	0.908		3.5		Natural, solid PP insulation for communication cables
Borealis	Purge Compound	LE 0865	1.05		1.5		Natural, modified PE purge compound
Enplast Americas	Enflex® TPV Elastomer	V1065A	0.97	105		65A	Flexible cord jacket; low compression set, natural and outdoor weatherable black
Enplast Americas	Enflex® TPV Elastomer	V1070A	0.97	105		70A	Flexible cord jacket; low compression set, natural and outdoor weatherable black
Enplast Americas	Enflex® TPV Elastomer	V1075A	0.97	105		75A	Flexible cord jacket; low compression set, natural and outdoor weatherable black
Enplast Americas	Enflex® TPV Elastomer	V1080A CS	0.97	105		80A	Insulation or jacket; copper stabilized, low compression set, natural and outdoor
Enplast Americas	Enflex® TPV Elastomer	V1085A CS	0.97	105		85A	Copper stabilized, low compression set, natural and outdoor weatherable black
Enplast Americas	Enflex® TPV Elastomer	V1090A	0.96	105		90A	Flexible cord jacket; low compression set, natural and outdoor weatherable black
Enplast Americas	Enflex® TPV Elastomer	V1040D CS	0.95	105		40D	Insulation or jacket; copper stabilized, low compression set, natural and outdoor
Hanwha	EVA	1540		40	60		
Hanwha	EVA	1533		33	25		
Hanwha	EVA	1834		33	18		

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Hanwha	EVA	1529		28	400		
Hanwha	EVA	1528		28	150		
Hanwha	EVA	E282PV		28	25		Photovoltaic encapsulant
Hanwha	EVA	1631		28	18		USP-VI approved medical applications
Hanwha	EVA	1159		28	18		
Hanwha	EVA	E280PV		28	15		Photovoltaic encapsulant
Hanwha	EVA	1629		28	7		
Hanwha	EVA	1828		28	4		
Hanwha	EVA	1328		28	2.5		USP-VI approved medical applications
Hanwha	EVA	1326		26	3		
Hanwha	EVA	3522CO		26	3		
Hanwha	EVA	1317		22	2		
Hanwha	EVA	1520		19	400		
Hanwha	EVA	1519		19	150		
Hanwha	EVA	2319		19	2.5		
Hanwha	EVA	1316		19	1.8		
Hanwha	EVA	1157		18	16		
Hanwha	EVA	2518		18	2.5		
Hanwha	EVA	2018		18	2		
Hanwha	EVA	E180A		18	0.8		
Hanwha	EVA	0818CO		18	0.8		
Hanwha	EVA	X1218		18	0.7		USDA listed for food contact, USP-VI approved medical applications
Hanwha	EVA	2014CO		14.4	2		
Hanwha	EVA	E141A		14	0.5		
Hanwha	EVA	X1214		14	0.4		USDA listed for food contact
Hanwha	EVA	1815		15	6		
Hanwha	EVA	1315		15	1.8		
Hanwha	EVA	2250		12	2		

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Hanwha	EVA	2050		12	0.8		
Hanwha	EVA	2240		9.5	2		
Hanwha	EVA	2040		9.5	0.8		USP-VI approved medical applications
Hanwha	EVA	2030		6.5	0.8		
Hanwha	EVA	2020		3.5	0.5		
Huntsman	IROGRAN® TPU	A80P 4699L	1.10			80A	A soft, high-performance, polyether-based TPU. Characteristics include good melt flow, matte surface, high flexibility, and good processability.
Huntsman	IROGRAN® TPU	A85P 4350	1.15			87A	A transparent, flame-retardant, halogen-free, thermoplastic polyether-polyurethane intended for extrusion and injection molding applications. Characteristics include microbial resistance, high low-temperature flexibility, especially suitable for cable jackets.
Huntsman	IROGRAN® TPU	A85P 4394	1.12			85A	A standard, glossy polyether-based TPU. Characteristics include high tensile strength, excellent wear performance, excellent hydrolysis and microbial resistance, and good low-temperature flexibility.
Huntsman	IROGRAN® TPU	A85P 4394 UV	1.11			85A	A high-performance, polyether based thermoplastic polyurethane. Offers a specially designed, flexible material with a broad processing window particularly suitable for the preparation of tubing, cable jacketing, and technical mouldings.
Huntsman	IROGRAN® TPU	A85P 4441	1.12			87A	A polyether-based TPU. Characteristics include high microbial resistance, excellent hydrolysis resistance, high stability of melt, high production rates, and matte surface.
Huntsman	IROGRAN® TPU	A85P 4854	1.14			83A	A flame retardant, halogen-free, polyether-based TPU. Characteristics include high tensile strength, excellent wear performance, excellent hydrolysis and microbial resistance, good low-temperature flexibility, matte surface, UL 94 Classification V0. Ideal for applications requiring a moderate level of flame retardancy and good processing.
Huntsman	IROGRAN® TPU	A92P 4207	1.13			92A	A high-performance polyether based TPU. Characteristics include high microbial resistance, excellent hydrolysis resistance, good melt flow, easy coloring, low-temperature flexibility, and high crystallinity for improved temperature resistance.
Huntsman	IROGRAN® TPU	A92P 4637	1.14			92A	A standard, glossy, polyether-based TPU. Characteristics include excellent hydrolysis resistance, high microbial resistance, high stability of melt, easy coloring and low-temperature flexibility.

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Huntsman	IROGRAN® TPU	A95P 5044	1.14			95A	A high-performance, polyether-based TPU designed for extrusion applications. Characteristics include excellent transparency, good low temperature flexibility, and high abrasion resistance and toughness.
Huntsman	IROGRAN® TPU	A98P 4535	1.17			98A	A high performance polyether based TPU. Characteristics include excellent hydrolysis resistance, high microbial resistance, good melt flow, recyclable, dynamically highly loadable and high softening point.
Huntsman	IROGRAN® TPU	A91P 5015FR	1.27			92A	A high flame retardant, halogen-free, polyether-based TPU for extrusion and injection molding applications
Huntsman	IROGRAN® TPU	A92P 5016FR	1.30			93A	A polyether-based TPU for extrusion applications, excellent hydrolysis and microbial resistance, good oil and solvent resistance and excellent wear performance
UNIGEL	Fiber Reinforced Polymer (FRP)		1.9-2.2				Non-coated, EAA coated, upjacketing available
UNIGEL	Water-Blocking Gel	400N	0.85				Water-blocking compound specifically designed for filling optical fiber buffer tubes
UNIGEL	Water-Blocking Gel	UNILITE Filling	0.45				Low-density, water-blocking semi-dry compound specifically designed for filling optical fiber buffer tubes and copper data cables
UNITAPE	Coated Steel Tapes	AlfaBond Steel Tape					0.15 mm thick chrome coated steel, 0.05 copolymer coating on both sides
UNITAPE	Coated Aluminum Tapes	AlfaBond Aluminum Tape					0.15 mm and 0.20 mm thick aluminum tape, 0.05 copolymer coating on one or both sides
UNITAPE	Water-Blocking Tapes	UT-20					0.2 mm thick, double-sided water-blocking tape
TT Tapes	Laminated Shielding Tape	Aluminum/PET Tape					Available in multiple constructions (thicknesses of AL/PET). Slit to required width. Available on pads and traverse spools.
TT Tapes	Core/Separator Wrap	PET Film					1/2 mil to 5 mil thick PET tape. Slit to required width. Available on pads and traverse spools.
Westlake Global Compounds	PVC Compounds - General Purpose	10641 Black	1.29	75°C		62A	Soft, general purpose jacket
Westlake Global Compounds	PVC Compounds - General Purpose	12792 Natural	1.4	80°C		79A	General purpose jacket for UL 75°C/80°C
Westlake Global Compounds	PVC Compounds - General Purpose	12880 Natural	1.45	75°C		91A	Jacket with 720 hour sunlight resistance

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Westlake Global Compounds	PVC Compounds - General Purpose	13820 Natural	1.41	75°C		82A	Jacket 720 hour SR or insulation TW
Westlake Global Compounds	PVC Compounds - General Purpose	13871, 13872 Natural	1.36	75°C		87A/88A	75°C insulation, TW
Westlake Global Compounds	PVC Compounds - General Purpose	19481 Natural	1.34	105°C		95A/48D	For 15 mil wall THHN, THWN
Westlake Global Compounds	PVC Compounds - General Purpose	19920 Natural	1.33	105°C		92A	For THHN-THWN
Westlake Global Compounds	PVC Compounds - General Purpose	19921 Natural	1.31	105°C		91A	For THHN-THWN with improved low-temperature properties
Westlake Global Compounds	PVC Compounds - General Purpose	68141 Natural	1.31	90°C		78A	Service Entrance (SE) and Underground Service Entrance (USE) power cable jacket
Westlake Global Compounds	PVC Compounds - General Purpose	8862 Clear	1.25	75°C		86A	General purpose, non-staining clear for speaker wire
Westlake Global Compounds	PVC Compounds - Automotive	4125-52 Natural	1.33	125°C		52D	Harness wire
Westlake Global Compounds	PVC Compounds - Automotive	4425 Natural	1.36	85°C		42D	Harness wire insulation, 85°C; TWP, SAE J 1128
Westlake Global Compounds	PVC Compounds - Automotive	4441 Natural	1.34	85°C		44D	Harness wire insulation, 85°C; TWP, SAE J 1128; better oven aging than 4425
Westlake Global Compounds	PVC Compounds - Automotive	4501 Natural	1.3	105°C		50D	Harness wire insulation
Westlake Global Compounds	PVC Compounds - Automotive	4520 Natural	1.35	105°C		52D	Harness wire, thin wall insulation
Westlake Global Compounds	PVC Compounds - Building Wire	16782 Natural	1.31	90°C		77A	Jacket, excellent low-temperature
Westlake Global Compounds	PVC Compounds - Building Wire	19463 Natural	1.32	105°C		95A/46D	Insulation for THHN-THWN-2; all sizes, all colors, 720 hour sunlight resistant, Oil Resistant I & II

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Westlake Global Compounds	PVC Compounds - Coax/ Telecom	12840 Black	1.43	75°C		83A	CATV coax cable jacket; also CL2 applications
Westlake Global Compounds	PVC Compounds - Coax/ Telecom	12842 Natural	1.41	75°C		84A	CATV coax cable jacket; also CL2 applications; lower cost than 12840
Westlake Global Compounds	PVC Compounds - Coax/ Telecom	12871 Blk/Nat	1.43	75°C		87A	CATV coax cable jacket; lower cost than 12840
Westlake Global Compounds	PVC Compounds - Riser	16881 Natural	1.35	90°C		88A	Jacket for riser and fiber optic applications
Westlake Global Compounds	PVC Compounds - Riser	21572 Natural	1.31	60°C		57D	Semi-rigid insulation for data communication riser; good riser combination with 22912 jacket
Westlake Global Compounds	PVC Compounds - Riser	22851 Natural	1.35	75°C		85A	Jacket for CM, CMR over FR PVC, 720 hour sunlight resistant
Westlake Global Compounds	PVC Compounds - Riser	22912 Natural	1.39	75°C		91A	Jacket for CM, CL2 over HDPE insulation or 21572 insulation
Westlake Global Compounds	PVC Compounds - Style 1061	15642 Natural	1.34	105°C		60D	Semi-rigid UL style 1061
Westlake Global Compounds	PVC Compounds - TECK 90	67441 Natural, Black	1.37	90°C		71A	TECK 90 (Canadian) with -40°C low temp impact, FT-4, low acid gas 12-13%
Westlake Global Compounds	PVC Compounds - Tray Cable	16903 Natural, Black	1.38	90°C		92A	
Westlake Global Compounds	PVC Compounds - Tray Cable	16905 Natural, Black	1.37	90°C		91A	
Westlake Global Compounds	PVC Compounds - Tray Cable	17870 Natural, Black	1.4	105°C		87A	
Westlake Global Compounds	PVC Compounds - Tray Cable	38511 Black	1.3	90°C		83A	
Westlake Global Compounds	PVC Compounds - Tray Cable	69148 Natural, Black	1.39	90°C		88A	

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Westlake Global Compounds	PVC Compounds - Vinyl Elastomer	18780 Natural	1.37	105°C		77A	Matte surface; cord jacket
Westlake Global Compounds	PVC Compounds - Vinyl Elastomer	19732 Black	1.31	105°C		73A	Matte finish, vinyl elastomer for SEO, SJEO
Westlake Global Compounds	PVC Compounds - Vinyl Elastomer	59770A Natural	1.26	105°C		77A	Matte surface; for SJEOW insulation or jacket
M. Holland Compounds	FEP	TTFEP2	2.16	265°C	0.8 ~ 2.0		Intended for high-temperature products including data cable, fire alarm wire, plenum cable and instrumentation cables. TTFEP2 is also used in tubing applications.
M. Holland Compounds	FEP	TTFEP4	2.16	265°C	2.4 ~ 4.0		Intended for high-temperature products including data cable, fire alarm wire, plenum cable, and instrumentation cables. TTFEP4 is also used in tubing applications.
M. Holland Compounds	FEP	TTFEP5	2.15	265°C	6.0 ~ 7.0		Intended for high-temperature products including data cable, fire alarm wire, plenum cable and instrumentation cables. Also used in tubing, monofilament and film applications.
M. Holland Compounds	FEP	TTFEP6	2.16	265°C	8.0 ~ 10.0		Intended for use as high-temperature wire insulation and cable jacket. Also used in injection molding and transfer molding applications.
M. Holland Compounds	FEP	TTFEP15	2.16	265°C	12 ~ 15		Intended for high-temperature products including data cable, fire alarm wire, plenum cable and instrumentation cables. Also used in tubing, monofilament and film applications.
M. Holland Compounds	FEP	TTFEP20	2.14	265°C	20.0 ~ 24.0		Intended for high-temperature insulation and is designed for high-speed extrusion. Applications include airframe wire, aerospace wiring, wiring for trains, automotive switch wire, oil well test equipment wire and fire alarm cables.
M. Holland Compounds	FEP	TTFEP30	2.16	265°C	28.0 ~ 30.0		Intended for high-temperature insulation and is designed for high-speed extrusion. A primary application is thin wire insulation for Communication Local Area Network (LAN) cables. Other applications include plenum cable, instrumentation wiring, airframe wire, aerospace wiring, wiring for trains, automotive switch wire, oil well test equipment wire and fire alarm cables.
M. Holland Compounds	FEP	TTFEP30-H	2.15	260°C	28.0 ~ 30.0		Intended for thin-wall, high-temperature wire and cable insulations made in high-speed extrusion manufacturing. Used in communication category data cables, fire alarm, transit, plenum, instrumentation and some industrial cables.
M. Holland Compounds	FEP	TTFEP5-SC	2.15	265°C	4.0 ~ 6.0		Intended for high-temperature wire and cable insulations and jackets requiring a high degree of stress crack resistance.

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M. Holland Compounds	FEP	TTFEP9-SC	2.15	265°C	7.0 ~ 10.0		Intended for high-temperature wire and cable insulations and jackets requiring a high degree of stress crack resistance.
M. Holland Compounds	FEP Foam	TTFEP-Foam 6	2.14	260°C	6.0		
M. Holland Compounds	FEP Foam	TTFEP-Foam 15	2.14	260°C	14.0		
M. Holland Compounds	FEP Foam	TTFEP-Foam 30HS	2.14	260°C	30.0		
M. Holland Compounds	PFA	PFA-3F	2.12-2.17	300°C-310°C	0.8-3.0		Mainly used for pipes, wire insulation layers, thin films and various other parts.
M. Holland Compounds	PFA	PFA-6F	2.12-2.17	300°C-310°C	3.1-6.0		Used for general-purpose plastics extrusion processing, mainly used for cable insulation wire, multiconductor cable sheath, etc.
M. Holland Compounds	PFA	PFA-15F	2.12-2.17	300°C-310°C	7.0-15.0		Mainly used in the aviation, aerospace and chemical industry. It can be utilized for faster cable extrusion; it is more economical for most purposes without stress cracking resistance.
M. Holland Compounds	PFA	PFA-17F	2.12-2.17	300°C-310°C	10.0-17.0		Mainly used in the aviation, aerospace and chemical industry. It can be utilized for faster cable extrusion; it is more economical for most purposes without stress cracking resistance.
M. Holland Compounds	PFA	PFA-22F	2.12-2.17	300°C-310°C	16.0-22.0		Mainly used in the aviation, aerospace and chemical industry. It can be utilized for faster cable extrusion; it is more economical for most purposes without stress cracking resistance.
M. Holland Compounds	PFA	PFA-30F	2.12-2.17	300°C-310°C	23.0-30.0		Mainly used in the aviation, aerospace and chemical industry. It can be utilized for faster cable extrusion; it is more economical for most purposes without stress cracking resistance.
M. Holland Compounds	PVDF	PVDF-7	1.77-1.79	165°C-175°C	3.1-7.0		Intended for use as high-temperature wire insulation and cable jacket. Also used in tubing, film, injection molding and transfer molding applications.
M. Holland Compounds	PVDF	PVDF-10	1.77-1.79	165°C-175°C	7.1-10.0		Intended for use as high-temperature wire insulation and cable jacket. Also used in tubing, film, injection molding and transfer molding applications.
M. Holland Compounds	PVDF	PVDF-14	1.77-1.79	165°C-175°C	10.0-14.0		Intended for use as high-temperature wire insulation and cable jacket. Also used in tubing, film, injection molding and transfer molding applications.
M. Holland Compounds	PVDF	PVDF-20	1.77-1.79	165°C-175°C	14.1-20.0		Intended for use as high-temperature wire insulation and cable jacket. Also used in tubing, film, injection molding and transfer molding applications.

Supplier	Material	Grade	Density (g/cm)	Use Temp	MFR	Shore Hardness	Details
M. Holland Compounds	PVDF	PVDF-25	1.77-1.79	165°C-175°C	20.1-25.0		Intended for use as high-temperature wire insulation and cable jacket. Also used in tubing, film, injection molding and transfer molding applications.
M. Holland Compounds	PVDF	PVDF-30	1.77-1.79	165°C-175°C	25.1-30.0		Intended for use as high-temperature wire insulation and cable jacket. Also used in tubing, film, injection molding and transfer molding applications.
M. Holland Compounds	PVDF-C (Copolymer)	PVDF-7C	1.77-1.79	165°C-175°C	3.1-7.0		Intended for use as high-temperature wire insulation and cable jacket. Copolymer PVDF has excellent electrical insulation performance, good flexibility, high mechanical strength, toughness, corrosion and stress crack properties. It can be used for injection molding, tubing, film and transfer molding applications.
M. Holland Compounds	PVDF-C (Copolymer)	PVDF-10C	1.77-1.79	165°C-175°C	7.1-10.0		Intended for use as high-temperature wire insulation and cable jacket. Copolymer PVDF has excellent electrical insulation performance, good flexibility, high mechanical strength, toughness, corrosion and stress crack properties. It can be used for injection molding, tubing, film and transfer molding applications.
M. Holland Compounds	PVDF-C (Copolymer)	PVDF-14C	1.77-1.79	165°C-175°C	10.0-14.0		Intended for use as high-temperature wire insulation and cable jacket. Copolymer PVDF has excellent electrical insulation performance, good flexibility, high mechanical strength, toughness, corrosion and stress crack properties. It can be used for injection molding, tubing, film and transfer molding applications.
M. Holland Compounds	PVDF-C (Copolymer)	PVDF-20C	1.77-1.79	165°C-175°C	14.1-20.0		Intended for use as high-temperature wire insulation and cable jacket. Copolymer PVDF has excellent electrical insulation performance, good flexibility, high mechanical strength, toughness, corrosion and stress crack properties. It can be used for injection molding, tubing, film and transfer molding applications.
M. Holland Compounds	PVDF-C (Copolymer)	PVDF-25C	1.77-1.79	165°C-175°C	20.1-25.0		Intended for use as high-temperature wire insulation and cable jacket. Copolymer PVDF has excellent electrical insulation performance, good flexibility, high mechanical strength, toughness, corrosion and stress crack properties. It can be used for injection molding, tubing, film and transfer molding applications.
M. Holland Compounds	PVDF-C (Copolymer)	PVDF-30C	1.77-1.79	165°C-175°C	25.1-30.0		Intended for use as high-temperature wire insulation and cable jacket. Copolymer PVDF has excellent electrical insulation performance, good flexibility, high mechanical strength, toughness, corrosion and stress crack properties. It can be used for injection molding, tubing, film and transfer molding applications.
M. Holland Compounds	Thermoplastic Elastomers (TPE) Flame Retardant	TPE 5280	0.89	105°C Dry		80A	Neutral buoyancy, 3,120 Flex

Supplier	Material	Grade	Density (g/cm)	Use Temp	MFR	Shore Hardness	Details
M. Holland Compounds	Thermoplastic Elastomers (TPE) Flame Retardant	TPE 5490	0.90	105°C Dry		85A	Heater cable, 11,150 flex
M. Holland Compounds	Thermoplastic Elastomers (TPE) Flame Retardant	TPE 5575R	1.31	125°C Dry		77A	VW-1 flame resistant rating, 8,900 flex
M. Holland Compounds	Thermoplastic Elastomers (TPE) Flame Retardant	TPE 5595R	1.28	125°C Dry		93A	Heater cable, VW-1
M. Holland Compounds	Thermoplastic Elastomers (TPE) Flame Retardant	TPE 5595 LSZH	1.05	125°C Dry		93A	V-0, VW-1 rating on 14 AWG wires and larger, LSZH
M. Holland Compounds	Thermoplastic Elastomers (TPE)	Resolute™ 7990	0.787	105°C Dry		92A	Neutral buoyancy, 13,790 Flex
M. Holland Compounds	Thermoplastic Vulcanizates (TPV)	TPE 5187	1.23	105°C Dry/75°C Wet			Flex cord paint booth, V-0, halogen, Oil I & II, -40C LTBP, SLR720h
M. Holland Compounds	Thermoplastic Vulcanizates (TPV)	TPE 6187	0.97	105°C Dry/75°C Wet			Flex cord pump cable, Non-FR, unfilled, Oil I & Oil II, -50C LTBP, SLR 720h
M. Holland Compounds	Thermoplastic Vulcanizates (TPV)	TPE 2575 LSZH	1.08	105°C Dry			Flexible lighting cable, VW-1, LSZH, LOI 39, Oil 4h 70C, -13C LTBP
M. Holland Compounds	Masterbatches	PR 2003 Black UVTR	1.15		25		Track resistant MB, 5%, ASTM D2303
M. Holland Compounds	Masterbatches	PR 2003 Gray UVTR	1.15		38		Track resistant MB, 5%, ASTM D2303
M. Holland Compounds	Masterbatches	TT 102 UV	0.96				Weather-o-meter, 2%, 1,000h, LLDPE EVS
M. Holland Compounds	Masterbatches	TT 102 MD	0.95				Polyethylene, OIT Cu Pan, 2%, 62min

# Our Wire & Cable Suppliers

## ADVANSIX

Aegis™ Nylon 6 Extrusion Compounds  
Natural Nylon 6  
UL Listed Grades

## AGC

Fluon® ETFE  
Fluon® PFA  
Fluon® Color Concentrates Series

## BASF

Ultramid® Nylon 6 Extrusion Compounds  
UL and CSA Listed Grade  
Ultramid® Nylon 6/6 Glass Filled  
Compounds  
Ultradur® PBT Buffer Tube Compounds

## BOREALIS

Communications–Jacketing  
Communications–Insulation  
Visico™ Low Voltage XLPE  
Automotive/Appliance  
Casico™ 0-Halogen Jackets  
Track Resistant  
Semicon Compounds  
Polypropylene  
Purge Compound

## ENPLAST AMERICAS

### TPE-S

Enflex® EA Overmold Grades, MD, S, SR  
(PIR/PCR)

### TPV

Enflex® V, VR (PIR/PCR)  
EZPrene®  
EZPrene® R (PIR/PCR)

## HANWHA

### EVA

Wire and Cable Compounding Grades  
Adhesive and Foaming Grades  
Hose, Sheet and Film Grades

## HUNTSMAN

### IROGRAN® TPU

Polyether-based TPU, Glossy or Matte  
Finish  
UV Grades for Sunlight Resistance  
Halogen Free, Flame Retardant  
Compounds (V2, V0, VW-1)

## UNIGEL

### Fiber Reinforced Polymer

FRP Rod  
Water-Blocking Compounds

## UNITAPE

Coated Steel Tapes  
Coated Aluminum Tapes  
Water-Blocking Tapes

## WESTLAKE GLOBAL COMPOUNDS

### PVC Jacketing and Insulation Compounds

Appliance Wire  
Building Wire  
Power and Control Tray Cable  
Fiber Optic  
Coax/Telecommunications Flexible  
Cord/Fixture Wire  
Automotive

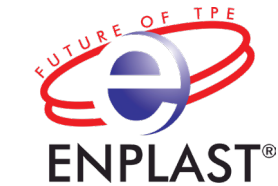
## M. HOLLAND

### FEP Foam

Mtegrity Plus® Fluoropolymers  
FEP, PFA, PVDF

### Thermoplastic Elastomers (TPE) Flame Retardant

Thermoplastic Elastomers (TPE) Non-FR  
Thermoplastic Vulcanizates (TPV)  
Masterbatches



**To learn more about what M. Holland can do for you,  
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