



Pipe Solutions Guide

**Masterbatches for Pressure Pipe, Conduit, PEX/PE-RT
Color Concentrates for Striping and Additives**

AMPACET
Plastics Reimagined™

PE Pressure Pipe

PE Conduit

PEX and PE-RT

Striping Colors

Additives

Ampacet offers a complete portfolio of masterbatches to support a variety of piping applications, including pressure pipe, conduit, PEX and PE-RT.

In addition, cost-effective color concentrates for pipe striping and additives for pipe and conduit are available.

Markets served

Building and Construction

Power and Communications

Drainage

Energy Piping Systems

Municipal and Industrial

**PE Pressure Pipe
PE Conduit
PEX and PE-RT
Striping Colors
Additives**



For inquiries:

<https://www.ampacet.com/contact/product-inquiry/>

PE Pressure Pipe

Ampacet works closely with the following organizations:

Plastics Pipe Institute (PPI)

American Water Works Association

National Sanitation Foundation



*Ampacet is a member of
Plastics Pipe Institute*

*For more information
about PPI click here*



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PE Pressure Pipe

Approved masterbatch and resin combinations should be verified with the approving body.

Masterbatches approved for Dow resins

Color	Application(s)	Carrier Resin	Active Agent	LDR*	Code
Black	Pressure Pipe	LLDPE	AO	6.5%	190092
Light Blue	Water Pipe	LLDPE	UV, AO		865705

Masterbatches approved for LyondellBasell (Equistar) resins

Color	Application(s)	Carrier Resin	Active Agent	LDR*	Code
Black	Pressure Pipe	LLDPE	AO	6.5%	190872
Grey	Sewer Pipe	MDPE	UV, AO	2%	1202161-NT
Black	Pressure Pipe	LLDPE	AO	6.5%	190092

Masterbatches approved for Ineos resins

Color	Application(s)	Carrier Resin	Active Agent	LDR*	Code
Blue	Water Pipe	HDPE	UV	2%	160562
Black	Pressure Pipe	LLDPE	AO	6.5%	190872

Masterbatches approved for Chevron resins

Color	Application(s)	Carrier Resin	Active Agent	LDR*	Code
Black	Pressure Pipe	LLDPE	AO	6.5%	190872

Masterbatches approved for Univation resins

Color	Application(s)	Carrier Resin	Active Agent	LDR*	Code
Yellow	Gaseous Fuels	LLDPE	UV	2%	1303333-NT
Blue	Gaseous Fuels	LLDPE	UV	2%	1607290-NT
Orange	Gaseous Fuels	LLDPE	UV	2%	1401892-NT

**All LDR values are recommendations and can vary based on application and process.*



PE Conduit

Ampacet offers cost effective masterbatches for HDPE conduit tubing in a wide array of colors.

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PE Conduit

Heavy Metal Free Masterbatches for PE Conduit

Color	Carrier Resin	LDR*	Code
Yellow UV	PE	1%	1303278-NQ
Orange UV	PE	1%	1401870-NQ
Red UV	PE	1%	1504147-NQ
Pink UV	PE	1%	1504274-NQ
Terra Cotta UV	PE	1%	1504273-NQ
Purple UV	PE	1%	1607150-NQ
Light Blue UV	PE	1%	1607149-NQ
Blue UV	PE	1%	1606957-NQ
Blue 3-Year UV	PE	1%	1606962-NQ
Green UV	PE	1%	1704745-NQ
Gray UV	PP	1%	4200744-NQ

**Recommended LDR will achieve a minimum 1-year outdoor performance in North America*

Conduit Additives

Material	Carrier Resin	LDR**	Code
Slip	PE	2%	101724-U
Flame Retardant	PE	***	104156
Process Aid	PE	2%	10919-P

Masterbatches for Drain Tile

Color	Carrier Resin	LDR**	Code
White	PE	4%	1101738-N
Black	rPE	4%	19275
Black	PE	4%	19501

***All LDR values are recommendations and can vary based on application and process.*

****Varies depending on application and process - contact your Ampacet representative.*

**Don't see a product that fits your requirements?
Ask us about custom formulas.**

PEX and PE-RT

Ampacet offers masterbatches for cross-linked polyethylene and PE for raised temperatures used for residential and commercial plumbing and heating applications.



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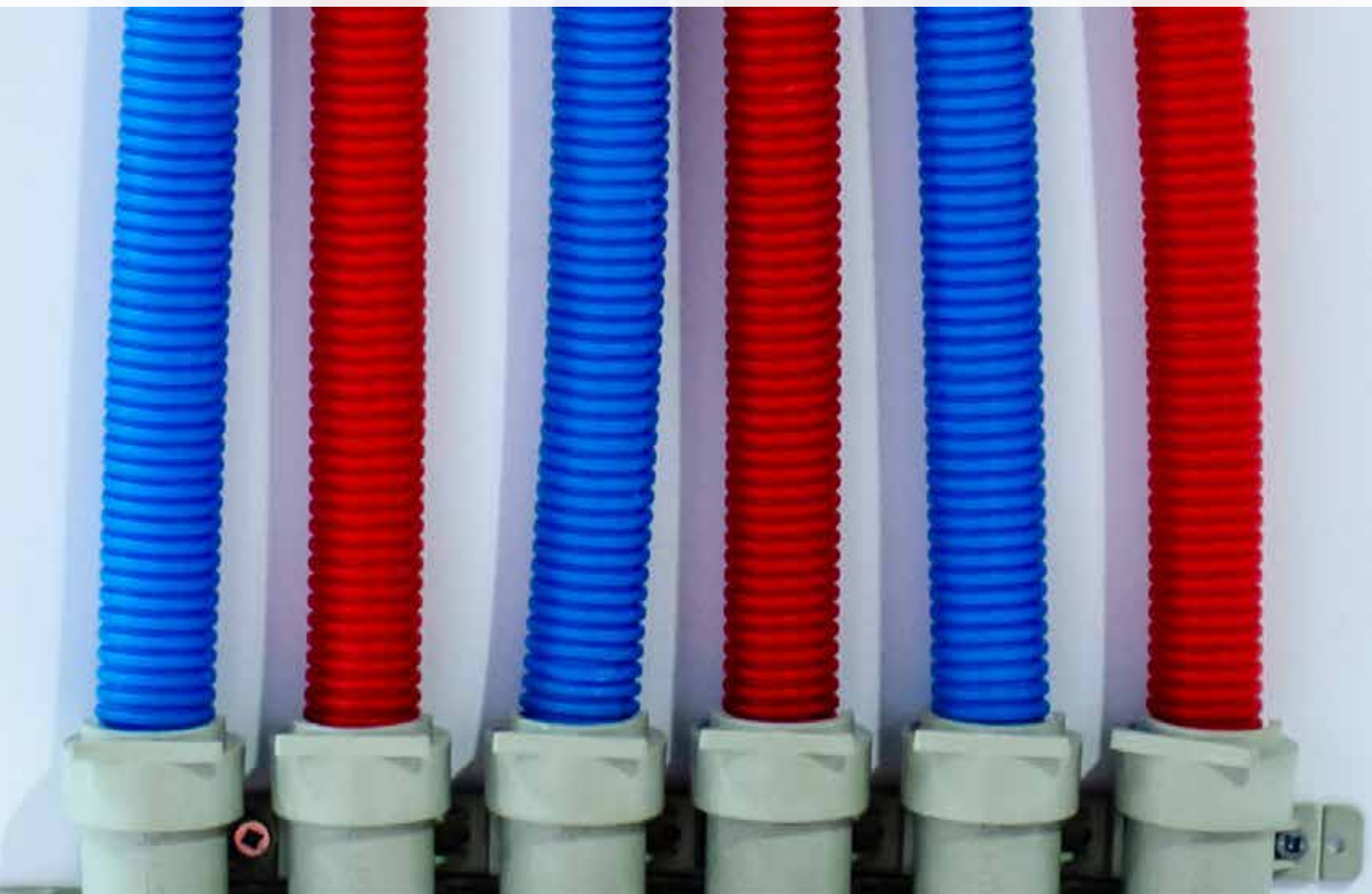
PEX and PE-RT

Additives for Cross-linked PE (PEX)

Material	Code	Application(s)	Carrier Resin	Active Agent
Additive	101449	PEX	HDPE	AO/UV/PPA

PE-RT Masterbatches for use in Dow Hypertherm™ 2399 resin

Color	Code	Application(s)	Carrier Resin	Active Agent
White	1100847-N	PE-RT	HDPE	AO/UV
Red	1503014-NT	PE-RT	HDPE	AO/UV
Red	1501904-NQ	PE-RT	HDPE	AO/UV
Blue	1603260-NQ	PE-RT	HDPE	AO/UV
Blue	1605013-NT	PE-RT	HDPE	AO/UV
Light Blue	1603333-NQ	PE-RT	HDPE	AO/UV





Striping Colors for Piping

Pipe color coding is generally utilized to identify the contents and the function of pipes. Ampacet offers cost effective color concentrates for pipe color striping that are heavy metal-free and UV stabilized for longer life.

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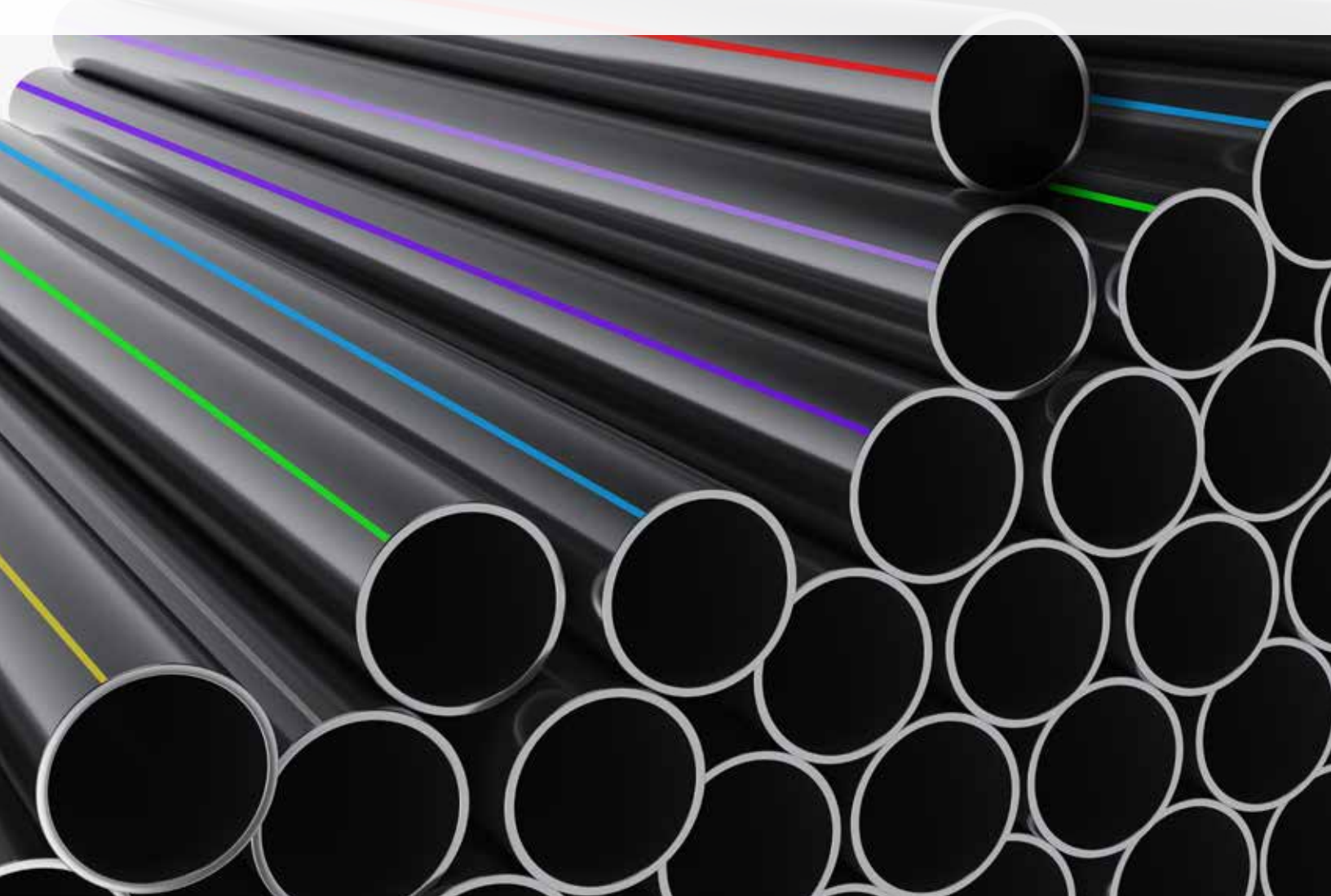
<https://www.ampacet.com/contact/product-inquiry/>

Striping Colors for Piping

Masterbatches for Striping Colors

Color	Code	Carrier Resin	Active Agent
Yellow	132834	LLDPE	UV
Red	154553	LLDPE	UV
Lavender	163755	LLDPE	UV
Purple	163756	LLDPE	UV
Blue	163765	LLDPE	UV
Green	174651	LLDPE	UV
Grey	193376	LLDPE	UV

**Don't see a product that fits your requirements?
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Additives for Pipe and Conduit

Ampacet produces functional additives that have been proven in Pipe and Conduit applications to improve product performance, improve product properties and aid in production throughput.

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Additives for Pipe and Conduit

Material	Carrier Resin	LDR*	Code
Slip	PE	2%	101724-U
Flame Retardant	PE	**	104156
Process Aid	PE	2%	10919-P
Purge	PE	50%	100400
Shutdown Compound	PE	100%	100401-N

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PE Conduit



PEX and PE-RT



Striping Colors

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Additives

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