



MORE THAN  
MATERIALS



## HOW CAN WE HELP?

You face a unique set of challenges when designing parts for the healthcare industry. In addition to maintaining an effective manufacturing and supply chain operation, you're challenged with designing products that must meet strict regulatory and quality assurance standards. We can help. Our dedicated healthcare team offers much more than the world's most advanced polymer materials, we're ready with product design assistance, material selection guidelines, manufacturing support and supply chain optimization in order to expedite your time to market.

## HEALTHCARE MATERIAL SOLUTIONS AT A GLANCE

When it comes to performance, you need to demonstrate value and measurable results from your medical device materials. Our dedicated resources are here to help you do just that. We can take the guesswork out of material selection by offering a broad portfolio of solutions that meet diverse requirements. From medical device housings to labware, imaging and much more, we have you covered.

## HEALTHCARE FOCUS AREAS

Supplying the healthcare industry with devices that improve patient care is always your top priority. You can count on our 30+ years of material know-how and regulatory experience when navigating the industry and getting your device to market both safely and efficiently.

- Catheters & Tubing
- Device Housings/Enclosures
- Drug Delivery Devices
- Fluid Management
- Labware & Diagnostics
- Medical Equipment
- Medical Device & Pharmaceutical Packaging
- Surgical Devices
- Wearable Monitors & Handheld Devices



PRODUCT FAMILY	SUPPLIER	STERILIZATION	REGULATORY	CLARITY
RIGID POLYMERS				
ABS	INEOS Styrolution™	Gamma/E Beam (may lose some impact), EtO (avoid repeated cycles)	USP Class VI, ISO 10993	Opaque
PMMA	Arkema™	Gamma/E Beam (may discolor), EtO	USP Class VI, FDA	Transparent
Blends & Alloys	Covestro™, Trinseo™, INEOS Styrolution™, PolyOne™	Gamma/E Beam, EtO	USP Class VI, ISO 10993	Opaque/Transparent
Cellulosic	Eastman®	Gamma/E Beam, EtO	USP Class VI, ISO 10993	Transparent
EVA	DuPont®, Westlake™	Gamma/E Beam, EtO	USP Class VI, FDA	Opaque/Transparent
HDPE, LDPE, ULPE	Dow®, Chevron Phillips Chemical™, Westlake™, DuPont®	Gamma/E Beam, EtO	USP Class VI, FDA	Opaque/Translucent
HIPS & GPPS	Americas Styrenics™	Gamma/E Beam (may discolor), EtO (avoid repeated cycles)	USP Class VI, FDA	Transparent
Polyamides	DuPont®, PolyOne™, Arkema™	Gamma/E Beam (may discolor), EtO	USP Class VI, ISO 10993, FDA	Opaque
PBT, PET	DuPont®	Gamma/E Beam (may discolor), EtO	USP Class VI, ISO 10993, FDA	PBT - Opaque PET - Transparent
Copolyester	Eastman®	Gamma/E Beam (may discolor), EtO	USP Class VI, ISO 10993, FDA	PBT - Opaque PET - Transparent
PC	Covestro™, Trinseo™	Gamma/E Beam (may discolor), EtO, Autoclave (limited)	USP Class VI, ISO 10993	Transparent
POM	DuPont®	EtO	USP Class VI, ISO 10993, FDA	Opaque
PP	LyondellBasell™, Flint Hills®, INEOS™, GEON Performance Solutions, Pinnacle Polymers™	Gamma/E Beam (must be stabilized), EtO	USP Class VI, FDA	Translucent/Transparent
PSU, PPSU	BASF™	Gamma/E Beam, EtO, Autoclave	USP Class VI, ISO 10993, FDA	Transparent
PVC	GEON Performance Solutions	Gamma/E Beam (must be stabilized), EtO (must be out-gassed)	USP Class VI, FDA	Transparent
SAN	INEOS Styrolution™	Gamma/E Beam (color may be affected and may lose some impact), EtO (avoid repeated cycles)	ISO 10993	Transparent
SBC	INEOS Styrolution™	Gamma/E Beam, EtO	USP Class VI, FDA	Transparent
THERMOPLASTIC ELASTOMERS (TPES)				
ET ENG TPE	DuPont®, Arkema™	Gamma/E Beam, EtO	USP Class VI, ISO 10993, FDA	Opaque
fPVC	GEON Performance Solutions	Gamma/E Beam (must be stabilized), EtO (must be out-gassed)	USP Class VI, FDA	Transparent
POE	Dow®	Gamma/E Beam, EtO	USP Class VI, FDA	Opaque/Transparent
SEBS	PolyOne™	Gamma/E Beam, EtO	USP Class VI, FDA	Transparent
TPU	Covestro™	Gamma/E Beam (may discolor), EtO	USP Class VI, ISO 10993, FDA	Transparent
TPV	PolyOne™, ExxonMobil™	Gamma/E Beam (may cause loss in physical properties), EtO	USP Class VI, FDA	Opaque
THERMOSET ELASTOMERS				
Silicone	DuPont: Dow Corning®	Gamma, EtO, Autoclave	USP Class VI, ISO 10993, FDA	Transparent



# POLYONE DISTRIBUTION WHERE WE OPERATE

## UNITED STATES & CANADA

- 45 warehouses
- 110 dedicated sellers
- 11 Technical Development Reps

## MEXICO

- 2 warehouses, service center
- 14 dedicated sellers
- 1 Technical Development Rep

## COSTA RICA, PUERTO RICO & DOMINICAN REPUBLIC

- 3 warehouses
- 2 dedicated sellers

## ASIA

- 5 warehouses
- 7 dedicated sellers
- 1 Technical Development Rep

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