

HDPE Molded Fitting Products Brochure

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HDPE Molded Butt 90° Elbow AWWA C901 and C906

Fittings Simplified

Molded fitting products can be butt fused to PE pipe or fittings inline to eliminate the need of fabricated fittings

Leak Free

Fusion of PE fittings to PE pipe create a homogenous bond, restrained connection and a leak free piping system in which the joints are as strong as the parent material itself

Full Pressure Rating

Molded PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

Available Sizing Chart

Pressure Rating – Water @ 73F	335 psi	250 psi	200 psi	125 psi
Standard Dimensional Ratio (SDR)	7*	9*	11	17
HDPE Molded Fitting IPS Sizing	2"-12"	3/4"-12"	3/4"-12"	2"-12"

*Special Order Item

*Meets AWWA C901 for ¾"-3" Sizes

Please Contact for Additional Technical Information

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HDPE Molded Butt 45° Elbow AWWA C901 and C906

Fittings Simplified

Molded fitting products can be butt fused to PE pipe or fittings inline to eliminate the need of fabricated fittings

Leak Free

Fusion of PE fittings to PE pipe create a homogenous bond, restrained connection and a leak free piping system in which the joints are as strong as the parent

Full Pressure Rating

Molded PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

Available Sizing Chart

Pressure Rating – Water @ 73F	335 psi	250 psi	200 psi	125 psi
Standard Dimensional Ratio (SDR)	7*	9*	11	17
Molded Fitting IPS Sizing	2"-12"	3/4"-12"	2"-12"	2"-12"

*Special Order Item

†Meets AWWA C901 for ¾"-3" Sizes

Please Contact for Additional Technical Information

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HDPE Molded Butt 22.5° Elbow AWWA C901 and C906

Fittings Simplified

Molded fitting products can be butt fused to PE pipe or fittings inline to eliminate the need of fabricated fittings

Leak Free

Fusion of PE fittings to PE pipe create a homogenous bond, restrained connection and a leak free piping system in which the joints are as strong as the parent

Full Pressure Rating

Molded PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

Available Sizing Chart

Pressure Rating – Water @ 73F	250 psi	200 psi
Standard Dimensional Ratio (SDR)	9 ⁺	11
Molded Fitting IPS Sizing	2"-3"	4"-8"

*Meets AWWA C901 for ¾"-3" Sizes

Please Contact for Additional Technical Information

Revised 4/18/2024



HDPE Molded Butt Equal Tee

AWWA C901 and C906

Fittings Simplified

Molded fitting products can be butt fused to PE pipe or fittings inline to eliminate the need of fabricated fittings

Leak Free

Fusion of PE fittings to PE pipe create a homogenous bond, restrained connection and a leak free piping system in which the joints are as strong as the parent

Full Pressure Rating

Molded PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

Available Sizing Chart

Pressure Rating – Water @ 73F	335 psi	250 psi	200 psi	125 psi
Standard Dimensional Ratio (SDR)	7*	9*	11	17
Molded Fitting IPS Sizing	2"-12"	3/4"-12"	3/4"-12"	2"-12"

*Special Order Item

†Meets AWWA C901 for 3/4"-3" Sizes

Please Contact for Additional Technical Information

Revised 4/18/2024



HDPE Molded Butt Reducing Tee AWWA C901 and C906

Fittings Simplified

Molded fitting products can be butt fused to PE pipe or fittings inline to eliminate the need of fabricated fittings

Leak Free

Fusion of PE fittings to PE pipe create a homogenous bond, restrained connection and a leak free piping system in which the joints are as strong as the parent

Full Pressure Rating

Molded PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

Available Sizing Chart

Pressure Rating – Water @ 73F	200 psi	125 psi
Standard Dimensional Ratio (SDR)	11	17
Molded Fitting IPS Sizing	3"×2 — 12"×10"	3"×2" — 12×10"

Please Contact for Additional Size and Technical Information

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HDPE Molded Butt Reducer AWWA C901 and C906

Fittings Simplified

Molded fitting products can be butt fused to PE pipe or fittings inline to eliminate the need of fabricated fittings

Leak Free

Fusion of PE fittings to PE pipe create a homogenous bond, restrained connection and a leak free piping system in which the joints are as strong as the parent

Full Pressure Rating

Molded PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

Available Sizing Chart

Pressure Rating – Water @ 73F	200 psi	125 psi
Standard Dimensional Ratio (SDR)	11	17
Molded Fitting IPS Sizing	1"×3/4"-8"×6"	1"×3/4"-8×6"

Meets AWWA C901 for ¾"-3" Sizes

Please Contact for Additional Technical Information

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HDPE Molded Butt End Cap AWWA C901 and C906

Fittings Simplified

Molded fitting products can be butt fused to PE pipe or fittings inline to eliminate the need of fabricated fittings

Leak Free

Fusion of PE fittings to PE pipe create a homogenous bond, restrained connection and a leak free piping system in which the joints are as strong as the parent

Full Pressure Rating

Molded PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

Available Sizing Chart

Pressure Rating – Water @ 73F	250 psi	200 psi	125 psi
Standard Dimensional Ratio (SDR)	9 ⁺	11	17
Molded Fitting IPS Sizing	3/4"-3"	3/4"-12"	3"-12"

*Meets AWWA C901 for ¾"-3" Sizes

Please Contact for Additional Technical Information

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HDPE Molded Butt Lateral Wye AWWA C901 and C906

Fittings Simplified

Molded fitting products can be butt fused to PE pipe or fittings inline to eliminate the need of fabricated fittings

Leak Free

Fusion of PE fittings to PE pipe create a homogenous bond, restrained connection and a leak free piping system in which the joints are as strong as the parent

Full Pressure Rating

Molded PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

Available Sizing Chart

Pressure Rating – Water @ 73F	200 psi	125 psi
Standard Dimensional Ratio (SDR)	11	17
Molded Fitting IPS Sizing	2"-12"	3"-8"

Meets AWWA C901 for ¾"-3" Sizes

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HDPE Molded Butt Cross AWWA C901 and C906

Fittings Simplified

Molded fitting products can be butt fused to PE pipe or fittings inline to eliminate the need of fabricated fittings

Leak Free

Fusion of PE fittings to PE pipe create a homogenous bond, restrained connection and a leak free piping system in which the joints are as strong as the parent

Full Pressure Rating

Molded PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

Available Sizing Chart

Pressure Rating – Water @ 73F	250 psi	200 psi	125 psi
Standard Dimensional Ratio (SDR)	9	11	17
Molded Fitting IPS Sizing	2"-4"	2"-4"	2"-4"

Meets AWWA C901 for ¼"-3" Sizes

Please Contact for Additional Technical Information

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P&F Distributors

HDPE PIPE IS OUR BUSINESS



Standard NPT Transition Male

Durably Constructed

Manufactured for quality, reliability and longevity by integrating a PE 4710/PE 100 polyethylene side and epoxy coated carbon steel and 304/316 stainless steel

Transitions Made Easy

Easy and leak free transition between traditional metallic materials and PE pipe

Potable Water Approval

Transition fittings are NSF certified for use in potable water applications and manufactured to meet ASTM D3261 and AWWA C901/906

Extreme Temperature Range

Allowable operational temperature range between -25°F to 140°F with compensation for expansion and contraction

Available Sizing Chart

Pressure Rating – Water @ 73F	250 psi	200 psi	125 psi
Standard Dimensional Ratio (SDR)	9*	11	17
Fitting IPS Sizing	3/4"-6"	1"-6"	1"-6"

*Meets AWWA C901 for 3/4"-3" Sizes

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Molded PE Flange Adapter and Ductile Iron Backup Ring

Fittings Simplified

Molded fitting products can be butt fused to PE pipe or fittings inline to eliminate the need of fabricated fittings

Gasket Optionality

Serrated face of PE flange adapters act as a gasket when compressed, therefore potentially eliminating the need of a gasket

Full Pressure Rating

Molded PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Backup Rings

Fusion bonded epoxy coated, ductile iron and 304/316 stainless steel backup rings manufactured to ANSI B16.5, B16.47 and B16.1, ASTM A536 and AWWA C207

Available Sizing Chart

Pressure Rating – Water @ 73F	250 psi	200 psi	125 psi
Standard Dimensional Ratio (SDR)	9 ⁺	11	17
Molded Flange Adapter IPS Sizing	3/4"-12"	3/4"-54"	2"-54"
Back Up Ring (Epoxy Coated, Ductile Iron and 304/*316 Stainless)	1"-54"		

[†]Meets AWWA C901 for ¾"-3" Sizes

*Special Order Item

Please Contact for Additional Technical Information

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Mechanical Joint (MJ) Adapter and Accessory Kit

Fittings Simplified

Molded MJ adapter fittings can be butt fused to PE pipe or fittings inline to eliminate the need of fabricated fittings

Transition Fittings

MJ Adapters can be used to transition from an HDPE piping system to traditional piping materials for a fully restrained connection

Full Pressure Rating

Molded PE fittings are fully pressure rated to the listed dimensional ratio (DR) and do not need to be de-rated further

Seal from Leakage

MJ Adapters seal against leakage and restrain against pullout with no additional external clamps or tie rod devices required

Available Sizing Chart

Pressure Rating – Water @ 73F	250 psi	200 psi
Standard Dimensional Ratio (SDR)	9 ⁺	11
Molded Fitting IPS Sizing	3"-12"	4"-24"

*Meets AWWA C901 for ¼"-3" Sizes

MJ Adapter Kit	<p>Fusion Bonded Epoxy Coated Ductile Iron Gland SBR (Styrene-Butadiene Rubber) Gasket Steel T-Bolts - High Strength-Low Alloy steel, ASTM A242 Manufactured to ASTM A536 Made according to ANSI/AWWA C-153 (2"-12") and C-110 (14"-24")</p>
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Please Contact for Additional Technical Information

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