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**Product Search**

Company Information	Additional Company/Plant Detail	Confirmation Of Type Approval
HARVEL PLASTICS, INC. 300 KUEBLER ROAD P.O. BOX 757 EASTON PA 18044-0757 United States Tel 610-252-7355 Fax 610-2534436 Email : <a href="mailto:harvel@harvel.com">harvel@harvel.com</a> Website : <a href="http://www.harvel.com">http://www.harvel.com</a>		09-HS410979/1-PDA

>>	<a href="#">Click Here to view more Details</a>
<b>Product</b>	Thermoplastic Pipe, Fittings and Joints
<b>Model</b>	Harvel Corzan CPVC Sch 40 and Sch 80 - Pipe Only
<b>Intended Service</b>	Marine & Offshore Applications for non-essential systems including fresh water, seawater, potable water, drains, sanitary, vents, and brine in services requiring no fire endurance testing or electrical conductivity. Non-Hazardous areas only.
<b>Description</b>	CPVC Schedule 40 and Schedule 80 Pipe Sizes: 1/4" through 24"
<b>Ratings</b>	Pressure ratings at 73 °F vary with pipe size and schedule. See vendor table for pipe sizes versus maximum allowable pressure.
<b>Service Restrictions</b>	Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including specification standards and tolerances, must be clearly defined. a) Use restricted to open decks and within tanks, cofferdams, void spaces, pipe tunnels and ducts, in accordance with 4-6-3/5.13.1 of the Rules. b) Not to be used in fire main or areas classified as "hazardous" in accordance with 4-8-4/27 of the Steel Vessels Rules and 4/1.4 of the MODU Rules. Where plastic pipes are to be utilized for any installation within tanks or other locations which may be subject to a vacuum condition inside the pipe or a head of liquid on the outside of the pipe, external pressure is to be considered. The pipe is to be designed for an external pressure of not less than the sum of the pressure imposed by the maximum potential head of liquid outside the pipe plus full vacuum of 14.5 psi (1 bar) inside the pipe. The maximum external pressure for a pipe is to be determined by dividing the collapse test pressure by a safety factor of 3. This collapse pressure may be verified experimentally or determined by a combination of testing and calculation methods. These details are to be submitted to ABS before installation of the pipe, for ABS approval on a case by case basis.
<b>Comments</b>	Duplicate PDA resides with Harvel Plastics, Inc. - BAKERSFIELD. Piping made from this compound has passed ASTM D635 testing for flame spread. Acceptability of the flame spread test in accordance with ASTM D635 is subject to approval by the Administration of the vessel's registry.
<b>Notes, Drawing and Documentation</b>	This Product Design Assessment (PDA) is valid only for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product.
<b>Term Of Validity</b>	This Design Assessment Certificate number 09-HS410979/1-PDA, dated 07/Jan/2009 will expire on 06/Jan/2014 or at an earlier date should there be alterations to the product's design or changes to the referenced ABS Rules and other specifications, which affect the product. Product use on or after 1 January 2010, will be subject to compliance with the ABS Rules or specifications in effect when the vessel, MODU or facility is contracted. The product's acceptability on board ABS-classed vessels or facilities is defined in the service restrictions of this certificate.
<b>ABS Rules</b>	2009 Steel Vessels Rules 1-1-4/7.7, 4-6-3/Table 1, 4-6-3/5.1, 5.3, 5.7, 5.9, 5.13.1, 7.3, & 11.3.1, 4-6-3/9
<b>National Standards</b>	NSF/ANSI STD 14 & 61; ASTM D1784, ASTM F441, F441M, ASTM E84.
<b>International Standards</b>	IMO Resolution A.753(18) Annex 1, Part 5

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA	09-HS410979/1-PDA	07/JAN/2009	06/JAN/2014

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Company Information	Additional Company/ Plant Detail	Confirmation Of Type Approval
HARVEL PLASTICS, INC. 7001 SCHIRRA COURT BAKERSFIELD CA 93313 United States Tel 661-396-0653 Fax 661-396-1821 Email : <a href="mailto:jmattavi@harvel.com">jmattavi@harvel.com</a> Website : <a href="http://harvel.com">http://harvel.com</a>		09-HS410979-DUP

<b>Product</b>	Thermoplastic Pipe, Fittings and Joints
<b>Model</b>	Harvel Corzan CPVC Sch 40 and Sch 80 - Pipe Only
<b>Intended Service</b>	Marine & Offshore Applications for non-essential systems including fresh water, seawater, potable water, drains, sanitary, vents, and brine in services requiring no fire endurance testing or electrical conductivity. Non-Hazardous areas only.
<b>Description</b>	CPVC Schedule 40 and Schedule 80 Pipe Sizes: 1/4" through 24"
<b>Ratings</b>	Pressure ratings at 73 °F vary with pipe size and schedule. See vendor table for pipe sizes versus maximum allowable pressure.
<b>Service Restrictions</b>	Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including specification standards and tolerances, must be clearly defined. a) Use restricted to open decks and within tanks, cofferdams, void spaces, pipe tunnels and ducts, in accordance with 4-6-3/5.13.1 of the Rules. b) Not to be used in fire main or areas classified as "hazardous" in accordance with 4-8-4/27 of the Steel Vessels Rules and 4/1.4 of the MODU Rules. Where plastic pipes are to be utilized for any installation within tanks or other locations which may be subject to a vacuum condition inside the pipe or a head of liquid on the outside of the pipe, external pressure is to be considered. The pipe is to be designed for an external pressure of not less than the sum of the pressure imposed by the maximum potential head of liquid outside the pipe plus full vacuum of 14 psi (1 bar) inside the pipe. The maximum external pressure for a pipe is to be determined by dividing the collapse test pressure by a safety factor of 3. This collapse pressure may be verified experimentally or determined by a combination of testing and calculation methods. These details are to be submitted to ABS before installation of the pipe, for ABS approval on a case by case basis.
<b>Comments</b>	Original PDA resides with Harvel Plastics, Inc. - EASTON. Piping made from this compound has passed ASTM D635 testing for flame spread. Acceptability of the flame spread test in accordance with ASTM D635 is subject to approval by the Administration of the vessel's registry.
<b>Notes, Drawing and Documentation</b>	This Product Design Assessment (PDA) is valid only for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product. Approval Documentation: UL listing BTLIC.R19808 (Surface burn characteristics in accordance with CAN/ULC-S102.2); Product Specifications for CPVC Schedule 40 & 80 Pipe; Fire Performance Properties of Harvel Piping Products (Copyright 2006) includes UL Listing;CAN/ULC-S102.2-M88 4th ed. Standard dated Apr 1988; Far East Fire Testing Centre Test Report No. FT08260 dated 4 Dec 2008.
<b>Term Of Validity</b>	This Design Assessment Certificate number 09-HS410979-DUP, dated 07/Jan/2009 will expire on 06/Jan/2014 or at an earlier date should there be alterations to the product's design or changes to the referenced ABS Rules and other specifications, which affect the product. Product use on or after 1 January 2010, will be subject to compliance with the ABS Rules or specifications in effect when the vessel, MODU or facility is contracted. The product's acceptability on board ABS-classed vessels or facilities is defined in the service restrictions of this certificate.
<b>ABS Rules</b>	2009 Steel Vessels Rules 1-1-4/7.7, 4-6-3/Table 1, 4-6-3/5.1, 5.3, 5.7, 5.9, 5.13.1, 7.3, & 11.3.1, 4-6-3/9
<b>National Standards</b>	NSF/ANSI STD 14 & 61; ASTM D1784, ASTM F441, F441M, ASTM E84.
<b>International Standards</b>	IMO Resolution A.753(18) Annex 1, Part 5

Model Certificate	Model Certificate No	Issue Date	Expiry Date
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