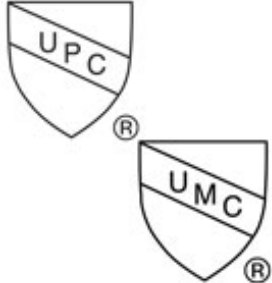


# IAPMO RESEARCH AND TESTING, INC.

5001 East Philadelphia Street, Ontario, California 91761-2816 – USA • 909-472-4100 • 909-472-4244 • www.iapmort.org



## CERTIFICATE OF LISTING

IAPMO Research and Testing, Inc. is a product certification body which tests and inspects samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and warehouses as well as the assessment of the supplier's Quality Assurance System. This listing is subject to the conditions set forth in the characteristics below and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by Authorities Having Jurisdiction.

The most updated information on this Certificate of Listing is available online at [pld.iapmo.org](http://pld.iapmo.org)

Effective Date: July 2017

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America  
461 Estrelita Dr  
Vista, CA 92084

Identification: Pipe shall be marked at intervals of not more than 5 ft. with the manufacturer's name or trademark, nominal size, for metric series pipe - the term "metric" and the dimension ratio or both the outside diameter and wall thickness, IPS series pipe shall include "Schedule 80" or "SCH 80", type of material (PP-R or PP-RCT) and classification number (80 or 100), pressure rating and temperature for which pressure rating is valid, the designation "F2389", manufacturer's production code, and pipe intended for the transport of potable water shall bear the mark of the lab making such evaluation. Fittings shall be marked with the manufacturer's name or trademark, nominal size, dimension ratio or schedule for corresponding pipe and type of material (PP-R or PP-RCT). The fitting or packaging shall be marked with "Metric" or "NPT" for threaded fittings, and the designation "F2389". All products shall bear the UPC® and/or UMC® certification mark.

Characteristics: Pressure rated polypropylene pipe and fittings manufactured in accordance with ASTM F2389. To be installed per the manufacturer's instructions and the latest edition of the Uniform Plumbing Code and Uniform Mechanical Code.

  
Chairman, Product Certification Committee

  
CEO, The IAPMO Group



This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)

Uniform Mechanical Code (UMC®)

Products are in compliance with the following standard(s):

ASTM F2389-2010

NSF/ANSI 14-2015



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

MODELS:

Mechanical Pipe:

Model No.	Dimension
18002150	½" - 20 mm (SDR 7.4 w/ fiber)
18002151	¾" - 25 mm (SDR 7.4 w/ fiber)
18002170	1" - 32 mm (SDR 9 w/ fiber)
18002171	1¼" - 40 mm (SDR 9 w/ fiber)
18002172	1½" - 50 mm (SDR 9 w/ fiber)
18002173	2" - 63 mm (SDR 9 w/ fiber)
18002174	2½" - 75 mm (SDR 9 w/ fiber)
18002175	3" - 90 mm (SDR 9 w/ fiber)
18002177	4" - 125 mm (SDR 9 w/ fiber)
18002180	6" - 160 mm (SDR 9 w/ fiber)
18002182	6" - 160 mm 19ft (SDR 9 w/ fiber)
18002181	8" - 200 mm 19ft (SDR 9 w/ fiber)
18002183	10" - 250 mm 19ft (SDR 9 w/ fiber)
18002184	12" - 315 mm 19ft (SDR 9 w/ fiber)
18002190	1" - 32 mm (SDR 11 w/ fiber)
18002191	1¼" - 40 mm (SDR 11 w/ fiber)
18002192	1½" - 50 mm (SDR 11 w/ fiber)
18002193	2" - 63 mm (SDR 11 w/ fiber)
18002194	2½" - 75 mm (SDR 11 w/ fiber)
18002195	3" - 90 mm (SDR 11 w/ fiber)
18002197	4" - 125 mm (SDR 11 w/ fiber)
18002198	6" - 160 mm (SDR 11 w/ fiber)
18002200	6" - 160 mm 19ft (SDR 11 w/ fiber)
18002199	8" - 200 mm 19ft (SDR 11 w/ fiber)
18002185	10" - 250 mm 19ft (SDR 11 w/ fiber)
18002186	12" - 315 mm 19ft (SDR 11 w/ fiber)
18002160	4" - 125 mm 19ft (SDR 17.6 w/ fiber)
18002161	6" - 160 mm 19ft (SDR 17.6 w/ fiber)
18002162	8" - 200 mm 19ft (SDR 17.6 w/ fiber)
18002163	10" - 250 mm 19ft (SDR 17.6 w/ fiber)
18002164	12" - 315 mm 19ft (SDR 17.6 w/ fiber)



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

Hot Potable Water Pipe:

18002300	½" -- 20 mm (SDR 7.4 w/ fiber)
18002301	¾" -- 25 mm (SDR 7.4 w/ fiber)
18002302	1" -- 32 mm (SDR 9 w/ fiber)
18002303	1¼" -- 40 mm (SDR 9 w/ fiber)
18002304	1½" -- 50 mm (SDR 9 w/ fiber)
18002305	2" -- 63 mm (SDR 9 w/ fiber)
18002306	2½" -- 75 mm 19ft (SDR 9 w/ fiber)
18002307	3" -- 90 mm 19ft (SDR 9 w/ fiber)
18002308	4' -- 125 mm 19ft (SDR 9 w/ fiber)
18002309	6' -- 160 mm 19ft (SDR 9 w/ fiber)
18002310	8' -- 200 mm 19ft (SDR 9 w/ fiber)
18002311	10' -- 250 mm 19ft (SDR 9 w/ fiber)
18002312	12' -- 315 mm 19ft (SDR 9 w/ fiber)

Cold Potable Water Pipe:

18002400	½" -- 20 mm (SDR 7.4)
18002401	¾" -- 25 mm (SDR 7.4)
18002402	1" -- 32 mm (SDR 11)
18002403	1¼" -- 40 mm (SDR 11)
18002404	1½" -- 50 mm (SDR 11)
18002405	2" -- 63 mm (SDR 11)
18002406	2½" -- 75 mm 19ft (SDR 11)
18002407	3" -- 90 mm 19ft (SDR 11)
18002408	4' -- 125 mm 19ft (SDR 11)
18002409	6' -- 160 mm 19ft (SDR 11)
18002410	8' -- 200 mm 19ft (SDR 11)
18002411	10' -- 250 mm 19ft (SDR 11)
18002412	12' -- 315 mm 19ft (SDR 11)

Purple Pipe:

18002202	½" -- 20 mm (SDR 7.4)
18002201	¾" -- 25 mm (SDR 7.4)



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18002250	1" -- 32 mm (SDR 11)
18002251	1¼" -- 40 mm (SDR 11)
18002252	1½" -- 50 mm (SDR 11)
18002253	2" -- 63 mm (SDR 11)
18002254	2½" -- 75 mm 19ft (SDR 11)
18002255	3" -- 90 mm 19ft (SDR 11)
18002257	4' -- 125 mm 19ft (SDR 11)
18002260	6' -- 160 mm 19ft (SDR 11)
18002261	8' -- 200 mm 19ft (SDR 11)
18002262	10' -- 250 mm 19ft (SDR 11)

Fittings:

18000001	½"-20 mm
18000002	¾" -25 mm
18000003	1"-32 mm
18000004	1¼"-40 mm
18000005	1½"-50 mm
18000006	2"-63 mm
18000007	2½"-75 mm
18000008	3"-90 mm
18000010	4" - 125 mm
18000030	¾" to ½' -25 to 20 mm
18000031	1" to ½"-32 to 20 mm
18000032	1" to ¾"-32 to 25 mm
18000033	1¼" to ½"-40 to 20 mm
18000034	1¼" to ¾"-40 to 25 mm
18000035	1¼" to 1"-40 to 32 mm
18000037	1½" to ¾"-50 to 25 mm
18000038	1½" to 1"-50 to 32 mm
18000039	1½" to 1¼"-50 to 40 mm
18000041	2" to ¾"-63 to 25 mm
18000042	2" to 1"-63 to 32 mm
18000043	2" to 1¼"-63 to 40 mm
18000044	2" to 1½"-63 to 50 mm
18000045	2½" to 1¼"-75 to 40 mm
18000046	2½" to 1½"-75 to 50 mm



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000047	2½" to 2'-75 to 63 mm
18000048	2½" to ½'-75 to 20 mm
18000049	2½" to ¾'-75 to 25 mm
18000050	2½" to 1"-75 to 32 mm
18000051	3" to 1½'-90 to 50 mm
18000052	3" to 2"-90 to 63 mm
18000053	3" to 2½"-90 to 75 mm
18000056	4" to 2½"-125 to 75 mm
18000057	4" to 3"-125 to 90 mm
18000058	6" to 4"-160 to 125 mm SDR9 (Butt to Socket Fusion)
18000059	6" to 4"-160 to 125 mm SDR11 (Butt to Socket Fusion)
18000054	6" to 4"-160 to 125 mm SDR17.6 (Butt to Socket Fusion)
18000060	8" to 4" - 200mm to 125mm SDR9 (Butt to Socket Fusion)
18000061	8" to 4" - 200mm to 125mm SDR11 (Butt to Socket Fusion)
18000065	8" to 4" - 200mm to 125mm SDR17.6 (Butt to Socket Fusion)
18000062	8" to 6" - 200mm to 160mm SDR9
18000063	8" to 6" - 200mm to 160mm SDR11
18000064	8" to 6" - 200mm to 160mm SDR17.6
18000087	10" to 6" - 250mm to 160mm SDR9
18000066	10" to 6" - 250mm to 160mm SDR11
18000067	10" to 6" - 250mm to 160mm SDR17.6
18000068	10" to 8" - 250mm to 200mm SDR9
18000069	10" to 8" - 250mm to 200mm SDR11
18000080	10" to 8" - 250mm to 200mm SDR17.6
18000081	12" to 8" - 315mm to 200mm SDR9
18000082	12" to 8" - 315mm to 200mm SDR11
18000083	12" to 8" - 315mm to 200mm SDR17.6
18000084	12" to 10" - 315mm to 250mm SDR9
18000085	12" to 10" - 315mm to 250mm SDR11
18000086	12" to 10" - 315mm to 250mm SDR17.6
18000070	½"-20 mm
18000071	¾" -25 mm
18000072	1"-32 mm
18000073	1¼"-40 mm
18000074	1½"-50 mm
18000075	2"-63 mm
18000076	2½"-75 mm



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000077	3"-90 mm
18000079	4"-125 mm
18000116	6"-160 mm (POTABLE COLD SDR11)
18000114	6"-160 mm (POTABLE HOT SDR9)
18000110	6"-160 mm (MECHANICAL SDR9)
18000112	6"-160 mm (MECHANICAL SDR11)
18000078	6"-160 mm (MECHANICAL SDR17.6)
18000117	8"-200 mm (POTABLE COLD SDR11)
18000115	8"-200 mm (POTABLE HOT SDR9)
18000111	8"-200 mm (MECHANICAL SDR9)
18000113	8"-200 mm (MECHANICAL SDR11)
18000118	8"-200 mm (MECHANICAL SDR17.6)
18000108	10"-250 mm (POTABLE COLD SDR11)
18000109	10"-250 mm (POTABLE HOT SDR9)
18000105	10"-250 mm (MECHANICAL SDR9)
18000106	10"-250 mm (MECHANICAL SDR11)
18000107	10"-250 mm (MECHANICAL SDR17.6)
18000090	12"-315 mm (POTABLE COLD SDR11)
18000091	12"-315 mm (POTABLE HOT SDR9)
18000088	12"-315 mm (MECHANICAL SDR9)
18000119	12"-315 mm (MECHANICAL SDR11)
18000089	12"-315 mm (MECHANICAL SDR17.6)
18000126	6"-160 mm (POTABLE COLD SDR11)
18000124	6"-160 mm (POTABLE HOT SDR9)
18000120	6"-160 mm (MECHANICAL SDR9)
18000122	6"-160 mm (MECHANICAL SDR11)
18002450	6"-160 mm (MECHANICAL SDR17.6)
18000127	8"-200 mm (POTABLE COLD SDR11)
18000125	8"-200 mm (POTABLE HOT SDR9)
18000121	8"-200 mm (MECHANICAL SDR9)
18000123	8"-200 mm (MECHANICAL SDR11)
18000128	8"-200 mm (MECHANICAL SDR17.6)
18000129	10"-250 mm (POTABLE COLD SDR11)
18000140	10"-250 mm (POTABLE HOT SDR9)
18000141	10"-250 mm (MECHANICAL SDR9)
18000142	10"-250 mm (MECHANICAL SDR11)



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000143	10"-250 mm (MECHANICAL SDR17.6)
18000144	12"-315 mm (POTABLE COLD SDR11)
18000145	12"-315 mm (POTABLE HOT SDR9)
18000146	12"-315 mm (MECHANICAL SDR9)
18000147	12"-315 mm (MECHANICAL SDR11)
18000148	12"-315 mm (MECHANICAL SDR17.6)
18000100	½" - 20 mm
18000101	¾" -25 mm
18000102	1"-32 mm
18000150	½" - 20 mm
18000151	¾" -25 mm
18000152	1"-32 mm
18000130	½"-20 mm
18000131	¾" -25 mm
18000132	1"-32 mm
18000133	1¼"-40 mm
18000134	1½"-50 mm
18000135	2"-63 mm
18000136	2½"-75 mm
18000137	3"-90 mm
18000139	4"-125 mm
18000166	6"-160 mm (POTABLE COLD SDR11)
18000164	6"-160 mm (POTABLE HOT SDR9)
18000160	6"-160 mm (MECHANICAL SDR9)
18000162	6"-160 mm (MECHANICAL SDR11)
18002460	6"-160 mm (MECHANICAL SDR17.6)
18000167	8"-200 mm (POTABLE COLD SDR11)
18000165	8"-200 mm (POTABLE HOT SDR9)
18000161	8"-200 mm (MECHANICAL SDR9)
18000163	8"-200 mm (MECHANICAL SDR11)
18000168	8"-200 mm (MECHANICAL SDR17.6)
18000180	10"-250 mm (POTABLE COLD SDR11)





# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000181	10"-250 mm (POTABLE HOT SDR9)
18000182	10"-250 mm (MECHANICAL SDR9)
18000183	10"-250 mm (MECHANICAL SDR11)
18000184	10"-250 mm (MECHANICAL SDR17.6)
18000185	12"-315 mm (POTABLE COLD SDR11)
18000186	12"-315 mm (POTABLE HOT SDR9)
18000187	12"-315 mm (MECHANICAL SDR9)
18000188	12"-315 mm (MECHANICAL SDR11)
18000189	12"-315 mm (MECHANICAL SDR17.6)
18000196	6"-160 mm (POTABLE COLD SDR11)
18000194	6"-160 mm (POTABLE HOT SDR9)
18000190	6"-160 mm (MECHANICAL SDR9)
18000192	6"-160 mm (MECHANICAL SDR11)
18002470	6"-160 mm (MECHANICAL SDR17.6)
18000197	8"-200 mm (POTABLE COLD SDR11)
18000195	8"-200 mm (POTABLE HOT SDR9)
18000191	8"-200 mm (MECHANICAL SDR9)
18000193	8"-200 mm (MECHANICAL SDR11)
18000198	8"-200 mm (MECHANICAL SDR17.6)
18000235	10"-250 mm (POTABLE COLD SDR11)
18000236	10"-250 mm (POTABLE HOT SDR9)
18000237	10"-250 mm (MECHANICAL SDR9)
18000238	10"-250 mm (MECHANICAL SDR11)
18000239	10"-250 mm (MECHANICAL SDR17.6)
18000244	12"-315 mm (POTABLE COLD SDR11)
18000245	12"-315 mm (POTABLE HOT SDR9)
18000246	12"-315 mm (MECHANICAL SDR9)
18000247	12"-315 mm (MECHANICAL SDR11)
18000248	12"-315 mm (MECHANICAL SDR17.6)

**Tee:**

18000170	½"-20 mm
18000171	¾" -25 mm
18000172	1"-32 mm
18000173	1¼"-40 mm
18000174	1½"-50 mm



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000175	2"-63 mm
18000176	2½"-75 mm
18000177	3"-90 mm
18000179	4"-125 mm
18001206	6"-160 mm (POTABLE COLD SDR11)
18001204	6"-160 mm (POTABLE HOT SDR9)
18001200	6"-160 mm (MECHANICAL SDR9)
18001202	6"-160 mm (MECHANICAL SDR11)
18002480	6"-160 mm (MECHANICAL SDR17.6)
18001207	8"-200 mm (POTABLE COLD SDR11)
18001205	8"-200 mm (POTABLE HOT SDR9)
18001201	8"-200 mm (MECHANICAL SDR9)
18001203	8"-200 mm (MECHANICAL SDR11)
18001208	8"-200 mm (MECHANICAL SDR17.6)
18001218	10"-250 mm (POTABLE COLD SDR11)
18001209	10"-250 mm (POTABLE HOT SDR9)
18001210	10"-250 mm (MECHANICAL SDR9)
18001211	10"-250 mm (MECHANICAL SDR11)
18001212	10"-250 mm (MECHANICAL SDR17.6)
18001213	12"-315 mm (POTABLE COLD SDR11)
18001214	12"-315 mm (POTABLE HOT SDR9)
18001215	12"-315 mm (MECHANICAL SDR9)
18001216	12"-315 mm (MECHANICAL SDR11)
18001217	12"-315 mm (MECHANICAL SDR17.6)
18000200	½" x ½" x ¾" - 20 x 20 x 25 mm
18000202	¾" x ¾" x ½" - 25 x 25 x 20 mm
18000203	1" x ½" x ½" -- 32 x 20 x 20 mm
18000204	1" x 1" x ½"-32 x 32 x 20 mm
18000205	1" x ¾" x ¾" - 32 x 25 x 25 mm
18000206	1" x 1" x ¾"-32 x 32 x 25 mm
18000207	1¼" x 1¼" x ½"-40 x 40 x 20 mm
18000208	1¼" x 1¼" x ¾"-40 x 40 x 25 mm
18000209	1¼" x 1¼" x 1"-40 x 40 x 32 mm
18000211	1½" x 1½" x ¾"-50 x 50 x 25 mm
18000212	1½" x 1½" x 1"-50 x 50 x 32 mm
18000213	1½" x 1½" x 1¼"-50 x 50 x 40 mm



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000215	2" x 2" x ¾"- 63 x 63 x 25 mm
18000216	2" x 2" x 1"-63 x 63 x 32 mm
18000217	2" x 2" x 1¼"-63 x 63 x 40 mm
18000218	2" x 2" x 1½"-63 x 63 x 50 mm
18000220	2½" x 2½" x ¾"-75 x 75 x 25mm
18000221	2½" x 2½" x 1"-75 x 75 x 32 mm
18000222	2½" x 2½" x 1¼"-75 x 75 x 40 mm
18000223	2½" x 2½" x 1½"-75 x 75 x 50 mm
18000224	2½" x 2½" x 2"-75 x 75 x 63 mm
18000225	3" x 3" x 1"-90 x 90 x 32 mm
18000226	3" x 3" x 1¼" -90 x 90 x 40 mm
18000227	3" x 3" x 1½"- 90 x 90 x 50 mm
18000228	3" x 3" x 2"-90 x 90 x 63 mm
18000229	3" x 3" x 2½"-90 x 90 x 75 mm
18000233	4" x 4" x 2½"-125 x 125 x 75 mm
18000234	4" x 4" x 3"-125 x 125 x 90 mm
18000476	6" x 6" x 2½"-160 x 160 x 75 mm (POTABLE COLD SDR11)
18000474	6" x 6" x 2½"-160 x 160 x 75 mm (POTABLE HOT SDR9)
18000470	6" x 6" x 2½"-160 x 160 x 75 mm (MECHANICAL SDR9)
18000472	6" x 6" x 2½"-160 x 160 x 75 mm (MECHANICAL SDR11)
18002490	6" x 6" x 2½"-160 x 160 x 75 mm (MECHANICAL SDR17.6)
18000477	6" x 6" x 3"-160 x 160 x 90 mm (POTABLE COLD SDR11)
18000475	6" x 6" x 3"-160 x 160 x 90 mm (POTABLE HOT SDR9)
18000471	6" x 6" x 3"-160 x 160 x 90 mm (MECHANICAL SDR9)
18000473	6" x 6" x 3"-160 x 160 x 90 mm (MECHANICAL SDR11)
18002491	6" x 6" x 3"-160 x 160 x 90 mm (MECHANICAL SDR17.6)
18000482	8" x 8" x 2½"-200 x 200 x 75 mm (POTABLE COLD SDR11)
18000481	8" x 8" x 2½"-200 x 200 x 75 mm (POTABLE HOT SDR9)
18000478	8" x 8" x 2½"-200 x 200 x 75 mm (MECHANICAL SDR9)
18000479	8" x 8" x 2½"-200 x 200 x 75 mm (MECHANICAL SDR11)
18000480	8" x 8" x 2½"-200 x 200 x 75 mm (MECHANICAL SDR17.6)
18000487	8" x 8" x 3" - 200 x 200 x 90 mm (POTABLE COLD SDR11)
18000486	8" x 8" x 3" - 200 x 200 x 90 mm (POTABLE HOT SDR9)
18000483	8" x 8" x 3" - 200 x 200 x 90 mm (MECHANICAL SDR9)
18000484	8" x 8" x 3" - 200 x 200 x 90 mm (MECHANICAL SDR11)
18000485	8" x 8" x 3" - 200 x 200 x 90 mm (MECHANICAL SDR17.6)



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000492	8" x 8" x 4" - 200 x 200 x 125 mm (POTABLE COLD SDR11)
18000491	8" x 8" x 4" - 200 x 200 x 125 mm (POTABLE HOT SDR9)
18000488	8" x 8" x 4" - 200 x 200 x 125 mm (MECHANICAL SDR9)
18000489	8" x 8" x 4" - 200 x 200 x 125 mm (MECHANICAL SDR11)
18000490	8" x 8" x 4" - 200 x 200 x 125 mm (MECHANICAL SDR17.6)
18000493	10" x 10" x 2½"-250 x 250 x 75 mm (POTABLE COLD SDR11)
18000494	10" x 10" x 2½"-250 x 250 x 75 mm (POTABLE HOT SDR9)
18000495	10" x 10" x 2½"-250 x 250 x 75 mm (MECHANICAL SDR9)
18000496	10" x 10" x 2½"-250 x 250 x 75 mm (MECHANICAL SDR11)
18000497	10" x 10" x 2½"-250 x 250 x 75 mm (MECHANICAL SDR17.6)
18000498	10" x 10" x 3" - 250 x 250 x 90 mm (POTABLE COLD
18000499	10" x 10" x 3" - 250 x 250 x 90 mm (POTABLE HOT SDR9)
18000097	10" x 10" x 3" - 250 x 250 x 90 mm (MECHANICAL SDR9)
18000098	10" x 10" x 3" - 250 x 250 x 90 mm (MECHANICAL SDR11)
18000099	10" x 10" x 3" - 250 x 250 x 90 mm (MECHANICAL SDR17.6)
18000103	10" x 10" x 4" - 250 x 250 x 125 mm (POTABLE COLD
18000104	10" x 10" x 4" - 250 x 250 x 125 mm (POTABLE HOT SDR9)
18000149	10" x 10" x 4" - 250 x 250 x 125 mm (MECHANICAL SDR9)
18000153	10" x 10" x 4" - 250 x 250 x 125 mm (MECHANICAL SDR11)
18000154	10" x 10" x 4" - 250 x 250 x 125 mm (MECHANICAL
18000155	12" x 12" x 3"-315 x 315 x 90 mm (POTABLE COLD SDR11)
18000156	12" x 12" x 3"-315 x 315 x 90 mm (POTABLE HOT SDR9)
18000157	12" x 12" x 3"-315 x 315 x 90 mm (MECHANICAL SDR9)
18000158	12" x 12" x 3"-315 x 315 x 90 mm (MECHANICAL SDR11)
18000159	12" x 12" x 3"-315 x 315 x 90 mm (MECHANICAL SDR17.6)
18000169	12" x 12" x 4"-315 x 315 x 125 mm (POTABLE COLD SDR11)
18000199	12" x 12" x 4"-315 x 315 x 125 mm (POTABLE HOT SDR9)
18000201	12" x 12" x 4"-315 x 315 x 125 mm (MECHANICAL SDR9)
18000210	12" x 12" x 4"-315 x 315 x 125 mm (MECHANICAL SDR11)
18000214	12" x 12" x 4"-315 x 315 x 125 mm (MECHANICAL SDR17.6)
18000219	12" x 12" x 6"-315 x 315 x 160 mm (POTABLE COLD SDR11)
18000240	12" x 12" x 6"-315 x 315 x 160 mm (POTABLE HOT SDR9)
18000241	12" x 12" x 6"-315 x 315 x 160 mm (MECHANICAL SDR9)
18000242	12" x 12" x 6"-315 x 315 x 160 mm (MECHANICAL SDR11)
18000243	12" x 12" x 6"-315 x 315 x 160 mm (MECHANICAL SDR17.6)
18000379	6" x 6" x 4"-160 x 160 x 125 mm (POTABLE COLD SDR11)
18000376	6" x 6" x 4"-160 x 160 x 125 mm (POTABLE HOT SDR9)



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000370	6" x 6" x 4"-160 x 160 x 125 mm (MECHANICAL SDR9)
18000373	6" x 6" x 4"-160 x 160 x 125 mm (MECHANICAL SDR11)
18002500	6" x 6" x 4"-160 x 160 x 125 mm (MECHANICAL 17.6)
18000380	8" x 8" x 4" - 200 x 200 x 125 mm (POTABLE COLD SDR11)
18000377	8" x 8" x 4" - 200 x 200 x 125 mm (POTABLE HOT SDR9)
18000371	8" x 8" x 4" - 200 x 200 x 125 mm (MECHANICAL SDR9)
18000374	8" x 8" x 4" - 200 x 200 x 125 mm (MECHANICAL SDR11)
18000382	8" x 8" x 4" - 200 x 200 x 125 mm (MECHANICAL SDR17.6)
18000381	8" x 8" x 6" - 200 x 200 x 160 mm (POTABLE COLD SDR11)
18000378	8" x 8" x 6" - 200 x 200 x 160 mm (POTABLE HOT SDR9)
18000372	8" x 8" x 6" - 200 x 200 x 160 mm (MECHANICAL SDR9)
18000375	8" x 8" x 6" - 200 x 200 x 160 mm (MECHANICAL SDR11)
18000383	8" x 8" x 6" - 200 x 200 x 160 mm (MECHANICAL SDR17.6)
18000360	10" x 10" x 6" - 250 x 250 x 160 mm (POTABLE COLD
18000361	10" x 10" x 6" - 250 x 250 x 160 mm (POTABLE HOT SDR9)
18000384	10" x 10" x 6" - 250 x 250 x 160 mm (MECHANICAL SDR9)
18000385	10" x 10" x 6" - 250 x 250 x 160 mm (MECHANICAL SDR11)
18000386	10" x 10" x 6" - 250 x 250 x 160 mm (MECHANICAL
18000387	10" x 10" x 8" - 250 x 250 x 200 mm (POTABLE COLD
18000388	10" x 10" x 8" - 250 x 250 x 200 mm (POTABLE HOT SDR9)
18000389	10" x 10" x 8" - 250 x 250 x 200 mm (MECHANICAL SDR9)
18000390	10" x 10" x 8" - 250 x 250 x 200 mm (MECHANICAL SDR11)
18000391	10" x 10" x 8" - 250 x 250 x 200 mm (MECHANICAL
18000392	12" x 12" x 8" - 315 x 315 x 200 mm (POTABLE COLD
18000393	12" x 12" x 8" - 315 x 315 x 200 mm (POTABLE HOT SDR9)
18000394	12" x 12" x 8" - 315 x 315 x 200 mm (MECHANICAL SDR9)
18000395	12" x 12" x 8" - 315 x 315 x 200 mm (MECHANICAL SDR11)
18000396	12" x 12" x 8" - 315 x 315 x 200 mm (MECHANICAL
18000397	12" x 12" x 10" - 315 x 315 x 250 mm (POTABLE COLD
18000398	12" x 12" x 10" - 315 x 315 x 250 mm (POTABLE HOT SDR9)
18000399	12" x 12" x 10" - 315 x 315 x 250 mm (MECHANICAL SDR9)
18000095	12" x 12" x 10" - 315 x 315 x 250 mm (MECHANICAL SDR11)
18000096	12" x 12" x 10" - 315 x 315 x 250 mm (MECHANICAL
18001189	4"-125 mm (POTABLE COLD SDR11)
18001186	4"-125 mm (POTABLE HOT SDR9)
18001180	4"-125 mm (MECHANICAL SDR9)
18001183	4"-125 mm (MECHANICAL SDR11)



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18002511	4"-125 mm (MECHANICAL SDR17.6)
18001190	6"-160 mm (POTABLE COLD SDR11)
18001187	6"-160 mm (POTABLE HOT SDR9)
18001181	6"-160 mm (MECHANICAL SDR9)
18001184	6"-160 mm (MECHANICAL SDR11)
18002510	6"-160 mm (MECHANICAL 17.6)
18001191	8"-200 mm (POTABLE COLD SDR11)
18001188	8"-200 mm (POTABLE HOT SDR9)
18001182	8"-200 mm (MECHANICAL SDR9)
18001185	8"-200 mm (MECHANICAL SDR11)
18001192	8"-200 mm (MECHANICAL SDR17.6)
18001179	10"-250 mm (POTABLE COLD SDR11)
18001193	10"-250 mm (POTABLE HOT SDR9)
18001194	10"-250 mm (MECHANICAL SDR9)
18001195	10"-250 mm (MECHANICAL SDR11)
18001196	10"-250 mm (MECHANICAL SDR17.6)
18001197	12"-315 mm (POTABLE COLD SDR11)
18001198	12"-315 mm (POTABLE HOT SDR9)
18001199	12"-315 mm (MECHANICAL SDR9)
18000093	12"-315 mm (MECHANICAL SDR11)
18000094	12"-315 mm (MECHANICAL SDR17.6)

End Cap:

18000250	½"-20 mm
18000251	¾" -25 mm
18000252	1"-32 mm
18000253	1¼"-40 mm
18000254	1½"-50 mm
18000255	2"-63 mm
18000256	2½"-75 mm
18000257	3"-90 mm
18000259	4"-125 mm
18000260	6"-160 mm SDR9
18000261	6"-160 mm SDR11
18002520	6"-160 mm SDR17.6
18000262	8"-200 mm SDR9



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000263	8"-200 mm SDR11
18000264	8"-200 mm SDR17.6
18000265	10"-250 mm SDR9
18000266	10"-250 mm SDR11
18000267	10"-250 mm SDR17.6
18000268	12"-315 mm SDR9
18000269	12"-315 mm SDR11
18000092	12"-315 mm SDR17.6

Saddle:

18000270	1 $\frac{3}{4}$ " x $\frac{1}{2}$ " - 40 x 20 mm
18000271	1 $\frac{3}{4}$ " x $\frac{3}{4}$ " - 40 x 25 mm
18000272	1 $\frac{1}{2}$ " x $\frac{1}{2}$ " - 50 x 20 mm
18000273	1 $\frac{1}{2}$ " x $\frac{3}{4}$ " - 50 x 25 mm
18000274	2" x $\frac{1}{2}$ " - 63 x 20 mm
18000275	2" x $\frac{3}{4}$ " - 63 x 25 mm
18000276	2" x 1" - 63 x 32 mm
18000277	2 $\frac{1}{2}$ " x $\frac{1}{2}$ " - 75 x 20 mm
18000278	2 $\frac{1}{2}$ " x $\frac{3}{4}$ " - 75 x 25 mm
18000279	2 $\frac{1}{2}$ " x 1" - 75 x 32 mm
18000280	2 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " - 75 x 40 mm
18000281	3" x $\frac{1}{2}$ " - 90 x 20 mm
18000282	3" x $\frac{3}{4}$ " - 90 x 25 mm
18000283	3" x 1" - 90 x 32 mm
18000284	3" x 1 $\frac{1}{4}$ " - 90 x 40 mm
18000290	4" x $\frac{1}{2}$ " - 125 x 20 mm
18000291	4" x $\frac{3}{4}$ " - 125 x 25 mm
18000292	4" x 1" - 125 x 32 mm
18000293	4" x 1 $\frac{1}{4}$ " - 125 x 40 mm
18000294	4" x 1 $\frac{1}{2}$ " - 125 x 50 mm
18000295	4" x 2" - 125 x 63 mm
18000296	6" x $\frac{1}{2}$ " - 160 x 20 mm
18000297	6" x $\frac{3}{4}$ " - 160 x 25 mm
18000298	6" x 1" - 160 x 32 mm
18000299	6" x 1 $\frac{1}{4}$ " - 160 x 40 mm
18000300	6" x 1 $\frac{1}{2}$ " - 160 x 50 mm



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000301	6" x 2" - 160 x 63 mm
18000302	6" x 2½" - 160 x 75 mm
18000303	6" x 3" - 160 x 90 mm
18000304	8" x ½" - 200 x 20 mm
18000305	8" x ¾" - 200 x 25 mm
18000306	8" x 1" - 200 x 32 mm
18000307	8" x 1¼" - 200 x 40 mm
18000308	8" x 1½" - 200 x 50 mm
18000309	8" x 2" - 200 x 63 mm
18000310	8" x 2½" - 200 x 75 mm
18000311	8" x 3" - 200 x 90 mm
18000312	8" x 4" - 200 x 125 mm
18000313	10" x ½" - 250 x 20 mm
18000314	10" x ¾" - 250 x 25 mm
18000315	10" x 1" - 250 x 32 mm
18000316	10" x 1¼" - 250 x 40 mm
18000317	10" x 1½" - 250 x 50 mm
18000318	10" x 2" - 250 x 63 mm
18000319	10" x 2½" - 250 x 75 mm
18000327	10" x 3" - 250 x 90 mm
18000321	10" x 4" - 250 x 125 mm
18000322	12" x 2" - 315 x 63 mm
18000323	12" x 2½" - 315 x 75 mm
18000324	12" x 3" - 315 x 90 mm
18000325	12" x 4" - 315 x 125 mm
18000326	12" x 6" - 315 x 160 mm

Cross:

18000930	(½" - 20 mm) x (½" - 20 mm) x (½" - 20 mm) x (½" - 20 mm)
18000931	(¾" - 25 mm) x (¾" - 25 mm) x (¾" - 25 mm) x (¾" - 25 mm)
18000950	(½" - 20 mm) x (½" - 20 mm) x (½" - 20 mm)





# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000951	(3/4" - 25 mm) x (3/4" - 25 mm) x (3/4" - 25 mm)
18001070	(1/2" - 20 mm) x (1/2" - 20 mm)
18001071	(3/4" - 25 mm) x (3/4" - 25 mm)
18001072	(1" - 32 mm) x (1" - 32 mm)
18000850	1/2" - 20mm
18000851	3/4" - 25mm
18000852	1" - 32mm

Screw Nuts, Flange Adaptors and Rings:

18000350	1/2" - 20 mm
18000351	3/4" - 25 mm
18000352	1" - 32 mm
18000353	1 1/4" - 40 mm
18000354	1 1/2" - 50 mm
18000355	2" - 63 mm
18000790	1/2" - 20mm
18000330	1" - 32 mm
18000331	1 1/4" - 40 mm
18000332	1 1/2" - 50 mm
18000333	2" - 63 mm
18000334	2 1/2" - 75 mm
18000335	3" - 90 mm
18000337	4" - 125 mm SDR9 (Butt Fused or Socet Fused w/ Coupling)
18002530	4" - 125 mm SDR11 (Butt Fused or Socet Fused w/ Coupling)
18002531	4" - 125 mm SDR17.6 (Butt Fused or Socet Fused w/ Coupling)
18000339	6" - 160 mm



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000340	6" - 160 mm SDR9
18000341	6" - 160 mm SDR11
18002540	6"-160 mm SDR17.6
18000342	8"-200 mm SDR9
18000343	8"-200 mm SDR11
18000344	8"-200 mm SDR17.6
18000345	10"-250 mm SDR9
18000346	10"-250 mm SDR11
18000347	10"-250 mm SDR17.6
18000348	12"-315 mm SDR9
18000349	12"-315 mm SDR11
18000320	12"-315 mm SDR17.6
20501032	ANSI steel flange bolting to 1" - 32 mm
20501040	ANSI steel flange bolting to 1¼" - 40 mm
20501050	ANSI steel flange bolting to 1½" - 50 mm
20501063	ANSI steel flange bolting to 2" - 63 mm
20501075	ANSI steel flange bolting to 2½" - 75 mm
20501090	ANSI steel flange bolting to 3" - 90 mm
20501125	ANSI steel flange bolting to 4" - 125 mm
20501160	ANSI steel flange bolting to 6" - 160 mm

TRANSITION FITTINGS:

18000450	(½" - 20 mm) x ½"Female NPT
18000451	(½" - 20 mm) x ¾"Female NPT
18000452	(¾" - 25 mm) x ½"Female NPT
18000453	(¾" - 25 mm) x ¾"Female NPT
18000454	(1" - 32 mm) x ¾"Female NPT
18000520	(½" - 20 mm) x ½"Female NPT (lead-free)
18000521	(½" - 20 mm) x ¾"Female NPT (lead-free)
18000522	(¾" - 25 mm) x ½"Female NPT (lead-free)
18000523	(¾" - 25 mm) x ¾"Female NPT (lead-free)
18000524	(1" - 32 mm) x ¾"Female NPT (lead-free)
18000525	(1" - 32 mm) x 1" Female NPT(lead-free)
18000526	(1¼" - 40 mm) x 1" Female NPT(lead-free)
18000527	(1¼" - 40 mm) x 1¼"Female NPT(lead-free)
18000528	(1½" - 50 mm) x 1½"Female NPT(lead-free)



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000529	(2" - 63 mm) x 2" Female NPT (lead-free)
18000500	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Female NPT HEX
18000501	( $\frac{3}{4}$ " - 25 mm) x $\frac{1}{2}$ " Female NPT HEX
18000502	( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Female NPT HEX
18000503	(1" - 32 mm) x $\frac{3}{4}$ " Female NPT HEX
18000504	(1" - 32 mm) x 1" Female NPT HEX
18000505	( $1\frac{1}{4}$ " - 40 mm) x 1" Female NPT HEX
18000506	( $1\frac{1}{4}$ " - 40 mm) x $1\frac{1}{4}$ " Female NPT HEX
18000507	( $1\frac{1}{2}$ " - 50 mm) x $1\frac{1}{2}$ " Female NPT HEX
18000508	(2" - 63 mm) x 2" Female NPT HEX
18000530	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Male NPT
18000531	( $\frac{3}{4}$ " - 25 mm) x $\frac{1}{2}$ " Male NPT
18000532	( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Male NPT
18000533	(1" - 32 mm) x $\frac{3}{4}$ " Male NPT
18000540	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Male NPT (lead-free)
18000541	( $\frac{3}{4}$ " - 25 mm) x $\frac{1}{2}$ " Male NPT (lead-free)
18000542	( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Male NPT (lead-free)
18000543	(1" - 32 mm) x $\frac{3}{4}$ " Male NPT (lead-free)
18000544	(1"-32 mm) x 1" Male NPT (lead-free)
18000545	( $1\frac{1}{4}$ "- 40 mm) x $1\frac{1}{4}$ " Male NPT (lead-free)
18000546	( $1\frac{1}{2}$ "- 50 mm) x $1\frac{1}{2}$ " Male NPT (lead-free)
18000547	(2" - 63 mm) x 2" Male NPT (lead-free)
18000550	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Male NPT HEX
18000551	( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Male NPT HEX
18000552	(1"-32 mm) x 1" Male NPT HEX
18000554	( $1\frac{1}{4}$ "- 40 mm) x $1\frac{1}{4}$ " Male NPT HEX
18000555	( $1\frac{1}{2}$ "- 50 mm) x $1\frac{1}{2}$ " Male NPT HEX
18000556	(2" - 63 mm) x 2" Male NPT HEX
18000570	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Female NPT
18000571	( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Female NPT
18000572	( $\frac{3}{4}$ " - 25 mm) x $\frac{1}{2}$ " Female NPT
18000574	(1" - 32 mm) x 1" Female NPT



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18001250	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Female NPT (lead-free)
18001251	( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Female NPT (lead-free)
18001252	( $\frac{3}{4}$ " - 25 mm) x $\frac{1}{2}$ " Female NPT (lead-free)
18001253	(1" - 32 mm) x 1" Female NPT (lead-free)
18000590	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Male NPT
18000591	( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Male NPT
18000592	(1" - 32 mm) x 1" Male NPT
18001270	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Male NPT (lead-free)
18001271	( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Male NPT (lead-free)
18001272	(1" - 32 mm) x 1" Male NPT (lead-free)
18000630	( $\frac{1}{2}$ " - 20 mm) x ( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Female NPT
18000631	( $\frac{3}{4}$ " - 25 mm) x ( $\frac{3}{4}$ " - 25 mm) x $\frac{1}{2}$ " Female NPT
18000632	( $\frac{3}{4}$ " - 25 mm) x ( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Female NPT
18001290	( $\frac{1}{2}$ " - 20 mm) x ( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Female NPT (lead-free)
18001291	( $\frac{3}{4}$ " - 25 mm) x ( $\frac{3}{4}$ " - 25 mm) x $\frac{1}{2}$ " Female NPT (lead-free)
18001292	( $\frac{3}{4}$ " - 25 mm) x ( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Female NPT (lead-free)
18000650	( $1\frac{1}{2}$ " / $\frac{3}{4}$ " - 50 / 25 mm) x $\frac{1}{2}$ " Female NPT HEX
18000651	(2" / $\frac{3}{4}$ " - 63 / 25 mm) x $\frac{1}{2}$ " Female NPT HEX
18000652	( $2\frac{1}{2}$ " / $\frac{3}{4}$ " - 75 / 25 mm) x $\frac{1}{2}$ " Female NPT HEX
18000653	(3" / $\frac{3}{4}$ " - 90 / 25 mm) x $\frac{1}{2}$ " Female NPT HEX
18000654	(4" / $\frac{3}{4}$ " - 125 / 25 mm) x $\frac{1}{2}$ " Female NPT HEX
18000663	(6" / $\frac{3}{4}$ " - 160 / 25 mm) x $\frac{1}{2}$ " Female NPT HEX
18000680	(8" / $\frac{3}{4}$ " - 200 / 25 mm) x $\frac{1}{2}$ " Female NPT HEX
18000683	(10" / $\frac{3}{4}$ " - 250 / 25 mm) x $\frac{1}{2}$ " Female NPT HEX
18000655	( $1\frac{1}{2}$ " / $\frac{3}{4}$ " - 50 / 25 mm) x $\frac{3}{4}$ " Female NPT HEX



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING

Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000656	(2" / 3/4" - 63 / 25 mm) x 3/4"Female NPT HEX
18000657	(2 1/2" / 3/4" - 75 / 25 mm) x 3/4"Female NPT HEX
18000658	(3" / 3/4" - 90 / 25 mm) x 3/4"Female NPT HEX
18000659	(4" / 3/4" - 125 / 25 mm) x 3/4"Female NPT HEX
18000664	(6" / 3/4" - 160 / 25 mm) x 3/4"Female NPT HEX
18000681	(8" / 3/4" - 200 / 25 mm) x 3/4"Female NPT HEX
18000684	(10" / 3/4" - 250 / 25 mm) x 3/4"Female NPT HEX
18000660	(2 1/2' / 1" - 75 / 32 mm) x 1"Female NPT HEX
18000661	(3" / 1" - 90 / 32 mm) x 1"Female NPT HEX
18000662	(4" / 1" - 125 / 32 mm) x 1"Female NPT HEX
18000665	(6" / 1" - 160 / 32 mm) x 1"Female NPT HEX
18000682	(8" / 1" - 200 / 32 mm) x 1"Female NPT HEX
18000685	(10" / 1" - 250 / 32 mm) x 1"Female NPT HEX
18001350	(1 1/2" / 3/4" - 50 / 25 mm) x 1/2"Female NPT (lead-free)
18001453	(2" / 3/4" - 63 / 25 mm) x 1/2"Female NPT (lead-free)
18001450	(2 1/2" / 3/4" - 75 / 25 mm) x 1/2"Female NPT (lead-free)
18001451	(3" / 3/4" - 90 / 25 mm) x 1/2"Female NPT (lead-free)
18001452	(4" / 3/4" - 125 / 25 mm) x 1/2"Female NPT (lead-free)
18001355	(6" / 3/4" - 160 / 25 mm) x 1/2"Female NPT (lead-free)
18001455	(8" / 3/4" - 200 / 25 mm) x 1/2"Female NPT (lead-free)
18001458	(10" / 3/4" - 250 / 25 mm) x 1/2"Female NPT (lead-free)
18001356	(1 1/2" / 3/4" - 50 / 25 mm) x 3/4"Female NPT (lead-free)
18001357	(2" / 3/4" - 63 / 25 mm) x 3/4"Female NPT (lead-free)
18001358	(2 1/2" / 3/4" - 75 / 25 mm) x 3/4"Female NPT (lead-free)
18001359	(3" / 3/4" - 90 / 25 mm) x 3/4"Female NPT (lead-free)
18001360	(4" / 3/4" - 125 / 25 mm) x 3/4"Female NPT (lead-free)
18001361	(6" / 3/4" - 160 / 25 mm) x 3/4"Female NPT (lead-free)
18001456	(8" / 3/4" - 200 / 25 mm) x 3/4"Female NPT (lead-free)
18001459	(10" / 3/4" - 250 / 25 mm) x 3/4"Female NPT (lead-free)
18001362	(2 1/2' / 1" - 75 / 32 mm) x 1"Female NPT (lead-free)
18001363	(3" / 1" - 90 / 32 mm) x 1"Female NPT (lead-free)
18001364	(4" / 1" - 125 / 32 mm) x 1"Female NPT (lead-free)
18001365	(6" / 1" - 160 / 32 mm) x 1"Female NPT (lead-free)
18001457	(8" / 1" - 200 / 32 mm) x 1"Female NPT (lead-free)
18001460	(10" / 1" - 250 / 32 mm) x 1"Female NPT (lead-free)
18000690	(1 1/2' / 3/4" - 50 / 25 mm) x 1/2' Male NPT HEX
18000691	(2" / 3/4" - 63 / 25 mm) x 1/2' Male NPT HEX



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000692	(2½" / ¾" - 75 / 25 mm) x ½"Male NPT HEX
18000693	(3" / ¾" - 90 / 25 mm) x ½"Male NPT HEX
18000694	(4" / ¾" - 125 / 25 mm) x ½"Male NPT HEX
18000700	(6" / ¾" - 160 / 25 mm) x ½"Male NPT HEX
18000695	(1½' / ¾" - 50 / 25 mm) x ¾' Male NPT HEX
18000696	(2" / ¾" - 63 / 25 mm) x ¾' Male NPT HEX
18000697	(2½" / ¾" - 75 / 25 mm) x ¾"Male NPT HEX
18000698	(3" / ¾" - 90 / 25 mm) x ¾"Male NPT HEX
18000699	(4" / ¾" - 125 / 25 mm) x ¾"Male NPT HEX
18000701	(6" / ¾" - 160 / 25 mm) x ¾"Male NPT HEX
18001402	(1½' / ¾" - 50 / 25 mm) x ½' Male NPT (lead-free)
18001400	(2" / ¾" - 63 / 25 mm) x ½' Male NPT (lead-free)
18001404	(2½" / ¾" - 75 / 25 mm) x ½"Male NPT (lead-free)
18001408	(3" / ¾" - 90 / 25 mm) x ½"Male NPT (lead-free)
18001411	(4" / ¾" - 125 / 25 mm) x ½"Male NPT (lead-free)
18001409	(6" / ¾" - 160 / 25 mm) x ½"Male NPT (lead-free)
18001403	(1½' / ¾" - 50 / 25 mm) x ¾' Male NPT (lead-free)
18001401	(2" / ¾" - 63 / 25 mm) x ¾' Male NPT (lead-free)
18001405	(2½" / ¾" - 75 / 25 mm) x ¾"Male NPT (lead-free)
18001407	(3" / ¾" - 90 / 25 mm) x ¾"Male NPT (lead-free)
18001406	(4" / ¾" - 125 / 25 mm) x ¾"Male NPT (lead-free)
18001410	(6" / ¾" - 160 / 25 mm) x ¾"Male NPT (lead-free)
18000400	(½" - 20 mm) x ½" Female NPT
18000401	(¾" - 25 mm) x ¾' Female NPT
18000402	(¾" - 25 mm) x ½' Female NPT
18000410	(½" - 20 mm) x ½" Female NPT (lead-free)
18000411	(¾" - 25 mm) x ¾' Female NPT (lead-free)
18000412	(¾" - 25 mm) x ½' Female NPT (lead-free)



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000430	( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Female NPT
18000440	( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " Female NPT (lead-free)
18000970	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Female NPT
18000971	( $\frac{1}{2}$ " - 20 mm) x $\frac{3}{4}$ " Female NPT
18000980	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Female NPT (lead-free)
18000981	( $\frac{1}{2}$ " - 20 mm) x $\frac{3}{4}$ " Female NPT (lead-free)
18000990	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Male NPT
18000991	( $\frac{1}{2}$ " - 20 mm) x $\frac{3}{4}$ " Male NPT
18001420	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Male NPT (lead-free)
18001421	( $\frac{1}{2}$ " - 20 mm) x $\frac{3}{4}$ " Male NPT (lead-free)
18000890	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Female NPT
18000830	( $\frac{1}{2}$ " - 20 mm) x ( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Female NPT
18000831	( $\frac{3}{4}$ " - 25 mm) x ( $\frac{3}{4}$ " - 25 mm) x $\frac{1}{2}$ " Female NPT



# IAPMO RESEARCH AND TESTING, INC.

## CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18000840	( $\frac{1}{2}$ " - 20 mm) x ( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " Female NPT (lead-free)
18000841	( $\frac{3}{4}$ " - 25 mm) x ( $\frac{3}{4}$ " - 25 mm) x $\frac{1}{2}$ " Female NPT (lead-free)
18001020	( $\frac{1}{2}$ " - 20 mm) x $\frac{1}{2}$ " (lead-free)
18001021	( $\frac{3}{4}$ " - 25 mm) x $\frac{3}{4}$ " (lead-free)

SHUT-OFF DEVICES:

18000730	VALVE $\frac{1}{2}$ " - 20 mm ball valve
18000731	VALVE $\frac{3}{4}$ " - 25 mm ball valve
18000732	VALVE 1" - 32 mm ball valve
18000733	VALVE $1\frac{1}{4}$ " - 40 mm ball valve
18000734	VALVE $1\frac{1}{2}$ " - 50 mm ball valve
18000735	VALVE 2" - 63 mm ball valve
18000736	VALVE $\frac{1}{2}$ " - 20 mm ball valve*
18000737	VALVE $\frac{3}{4}$ " - 25 mm ball valve*
18000738	VALVE 1" - 32 mm ball valve*
18000739	VALVE $1\frac{1}{4}$ " - 40 mm ball valve*
18000740	VALVE $1\frac{1}{2}$ " - 50 mm ball valve*
18000741	VALVE 2" - 63 mm ball valve*
	*these NSF 61 certified valves
18001030	( $\frac{1}{2}$ " - 20mm) x $\frac{1}{2}$ "
18001031	( $\frac{3}{4}$ " - 25mm) x $\frac{3}{4}$ "
18001032	(1" - 32mm) x 1"
18001090	$\frac{1}{2}$ " - 20mm





# IAPMO RESEARCH AND TESTING, INC. CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18001091	3/4''-25mm
18001092	1''-32mm
18001100	1/2'' - 20 mm
18001101	3/4'' - 25 mm
18001102	1'' - 32 mm
18002550	1/2'' - 20mm
18002551	3/4'' - 25mm
18001120	1/2'' - 20mm
18001121	3/4'' - 25mm

**WELDING ACCESSORIES:**

18001150
18001160

**TESTING ACCESSORIES:**

18000750	1/2'' - 20 mm
18000751	3/4'' - 25 mm



# IAPMO RESEARCH AND TESTING, INC. CERTIFICATE OF LISTING



Void After: July 2018

Product: Pressure Rated Polypropylene Piping Systems

File No. 8358

Issued To: Pestan North America

18001050	1/2'' - 20 mm
18001051	3/4'' - 25 mm

### CLAMPS, ACCESSORIES AND MASKS:

18000870	1/2'' - 20mm
18000871	3/4'' - 25mm
18000872	1'' - 32mm
18000873	1 1/4'' - 40 mm
18001000	
18001010	

### DISTRIBUTORS:

18000770	1/2'' - 20 mm Female NPT
----------	--------------------------