

# IAPMO RESEARCH AND TESTING, INC.

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## 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.

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Effective Date: December 2019

Void After: December 2024

Product: POLY VINYL CHLORIDE (PVC) Plastic Pipe Fittings, Schedule 40

File No. 7531

Issued To: Guangdong Liansu Technology Industrial Co., Ltd  
Liansu Industrial Estate  
Longjiang Town, Shunde Zone  
Foshan, GUANGDONG 528318  
China

Identification: Fittings shall be marked permanently and legibly with manufacturer's name or trademark, material designation (PVC I for PVC 12454-B, PVC 12 for PVC 12454-C, PVC 13 for PVC 13354-C and 11443-B, and PVC II for PVC 14333-D), size, "D2466," "B137.3" and the cUPC® certification mark. Fittings intended for contact with potable water shall bear the mark or the seal of the laboratory making the evaluation for potable water contact as well as the word "potable" or the designation "P" or "PW". Note: Where the size of the fitting does not allow complete marking, omit identification marking in the following sequence: size, material designation, manufacturer's name or trademark. Where recessed marking is used, care shall be taken to see that in no case marking causes cracks or reduces the wall thickness below the minimum specified.

Characteristics: Poly vinyl chloride (PVC) schedule 40 pipe fittings for use only with the distribution of pressurized liquids, which are chemically

  
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.



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compatible with the piping materials. Note: Due to inherent hazards associated with testing components and systems with compressed air or other compressed gases some manufacturers do not allow pneumatic testing of their products. Consult with specific product/component manufacturers for their specific testing procedures prior to pneumatic testing.

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®)  
National Plumbing Code of Canada

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

ASTM D2466-2015 and CSA B137.3-2009



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### MODELS:

<u>Model No.</u>	<u>Description</u>
429-005	Coupling (SOC x SOC 1/2"
429-007	Coupling (SOC x SOC 3/4"
429-010	Coupling (SOC x SOC 1"
429-012	Coupling (SOC x SOC 1-1/4"
429-015	Coupling (SOC x SOC 1-1/2"
429-020	Coupling (SOC x SOC 2"
429-025	Coupling (SOC x SOC 2-1/2"
429-030	Coupling (SOC x SOC 3"
429-040	Coupling (SOC x SOC 4"
401-005	Tee (SOC x SOC x SOC 1/2"
401-007	Tee (SOC x SOC x SOC 3/4"
401-010	Tee (SOC x SOC x SOC 1"
401-012	Tee (SOC x SOC x SOC 1-1/4"
401-015	Tee (SOC x SOC x SOC 1-1/2"
401-020	Tee (SOC x SOC x SOC 2"
401-025	Tee (SOC x SOC x SOC 2-1/2"
401-030	Tee (SOC x SOC x SOC 3"
401-040	Tee (SOC x SOC x SOC 4"
401-060	Tee (SOC x SOC x SOC 6"
406-005	90degrees Ell (SOC x SOC) 1/2"
406-007	90degrees Ell (SOC x SOC) 3/4"
406-010	90degrees Ell (SOC x SOC) 1"
406-012	90degrees Ell (SOC x SOC) 1-1/4"
406-015	90degrees Ell (SOC x SOC) 1-1/2"
406-020	90degrees Ell (SOC x SOC) 2"
406-025	90degrees Ell (SOC x SOC) 2-1/2"
406-030	90degrees Ell (SOC x SOC) 3"
406-040	90degrees Ell (SOC x SOC) 4"
406-060	90degrees Ell (SOC x SOC) 6"
417-005	45degrees Ell (SOC x SOC) 1/2"
417-007	45degrees Ell (SOC x SOC) 3/4"
417-010	45degrees Ell (SOC x SOC) 1"
417-012	45degrees Ell (SOC x SOC) 1-1/4"
417-015	45degrees Ell (SOC x SOC) 1-1/2"
417-020	45degrees Ell (SOC x SOC) 2"
417-025	45degrees Ell (SOC x SOC) 2-1/2"
417-030	45degrees Ell (SOC x SOC) 3"
417-040	45degrees Ell (SOC x SOC) 4"
401-074	Reducing Tee (SOC x SOC x SOC) 1/2x1/2x3/4
401-075	Reducing Tee (SOC x SOC x SOC) 1/2x1/2x1
401-094	Reducing Tee (SOC x SOC x SOC) 3/4x1/2x1/2
401-095	Reducing Tee (SOC x SOC x SOC) 3/4x1/2x3/4
401-101	Reducing Tee (SOC x SOC x SOC) 3/4x3/4x1/2



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401-102	Reducing Tee (SOC x SOC x SOC)	3/4x3/4x1
401-122	Reducing Tee (SOC x SOC x SOC)	1x1/2x1
401-124	Reducing Tee (SOC x SOC x SOC)	1x3/4x1/2
401-125	Reducing Tee (SOC x SOC x SOC)	1x3/4x3/4
401-126	Reducing Tee (SOC x SOC x SOC)	1x3/4x1
401-130	Reducing Tee (SOC x SOC x SOC)	1x1x1/2
401-131	Reducing Tee (SOC x SOC x SOC)	1x1x3/4
401-134	Reducing Tee (SOC x SOC x SOC)	1x1x2
401-166	Reducing Tee (SOC x SOC x SOC)	1-1/4x1-1/4x1/2
401-167	Reducing Tee (SOC x SOC x SOC)	1-1/4x1-1/4x3/4
401-168	Reducing Tee (SOC x SOC x SOC)	1-1/4x1-1/4x1
401-209	Reducing Tee (SOC x SOC x SOC)	1-1/2x1-1/2x1/2
401-210	Reducing Tee (SOC x SOC x SOC)	1-1/2x1-1/2x3/4
401-211	Reducing Tee (SOC x SOC x SOC)	1-1/2x1-1/2x1
401-212	Reducing Tee (SOC x SOC x SOC)	1-1/2x1-1/2x1-1/4
401-247	Reducing Tee (SOC x SOC x SOC)	2x2x1/2
401-248	Reducing Tee (SOC x SOC x SOC)	2x2x3/4
401-249	Reducing Tee (SOC x SOC x SOC)	2x2x1
401-250	Reducing Tee (SOC x SOC x SOC)	2x2x1-1/4
401-251	Reducing Tee (SOC x SOC x SOC)	2x2x1-1/2
406-101	90degrees Reducing Ell (SOC x SOC)	3/4x1/2
406-130	90degrees Reducing Ell (SOC x SOC)	1x1/2
406-131	90degrees Reducing Ell (SOC x SOC)	1x3/4
406-168	90degrees Reducing Ell (SOC x SOC)	1-1/4x1
406-211	90degrees Reducing Ell (SOC x SOC)	1-1/2x1
406-212	90degrees Reducing Ell (SOC x SOC)	1-1/2x1-1/4
406-249	90degrees Reducing Ell (SOC x SOC)	2x1
406-251	90degrees Reducing Ell (SOC x SOC)	2x1-1/2
407-005	90degrees Ell (SOC x FIPT)	1/2"
407-007	90degrees Ell (SOC x FIPT)	3/4"
407-010	90degrees Ell (SOC x FIPT)	1"
409-005	90degrees Street Ell (SPIG x SOC)	1/2"
409-007	90degrees Street Ell (SPIG x SOC)	3/4"
409-010	90degrees Street Ell (SPIG x SOC)	1"
409-012	90degrees Street Ell (SPIG x SOC)	1-1/4"
409-015	90degrees Street Ell (SPIG x SOC)	1-1/2"
409-020	90degrees Street Ell (SPIG x SOC)	2"
413-005	Side Outlet Ell (SOC x SOC x SOC)	1/2"
413-007	Side Outlet Ell (SOC x SOC x SOC)	3/4"
413-010	Side Outlet Ell (SOC x SOC x SOC)	1"
420-005	Cross (SOC x SOC x SOC x SOC)	1/2"
420-007	Cross (SOC x SOC x SOC x SOC)	3/4"
420-010	Cross (SOC x SOC x SOC x SOC)	1"
420-012	Cross (SOC x SOC x SOC x SOC)	1-1/4"
420-015	Cross (SOC x SOC x SOC x SOC)	1-1/2"
420-020	Cross (SOC x SOC x SOC x SOC)	2"
429-101	Reducing Coupling (SOC x SOC)	3/4x1/2
429-130	Reducing Coupling (SOC x SOC)	1x1/2



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429-131	Reducing Coupling (SOC x SOC) 1x3/4
429-166	Reducing Coupling (SOC x SOC) 1-1/4x1/2
429-167	Reducing Coupling (SOC x SOC) 1-1/4x3/4
429-168	Reducing Coupling (SOC x SOC) 1-1/4x1
429-209	Reducing Coupling (SOC x SOC) 1-1/2x1/2
429-210	Reducing Coupling (SOC x SOC) 1-1/2x3/4
429-211	Reducing Coupling (SOC x SOC) 1-1/2x1
429-212	Reducing Coupling (SOC x SOC) 1-1/2x1-1/4
429-247	Reducing Coupling (SOC x SOC) 2x1/2
429-248	Reducing Coupling (SOC x SOC) 2x3/4
429-249	Reducing Coupling (SOC x SOC) 2x1
429-250	Reducing Coupling (SOC x SOC) 2x1-1/4
429-251	Reducing Coupling (SOC x SOC) 2x1-1/2
429-291	Reducing Coupling (SOC x SOC) 2-1/2x1-1/2
429-292	Reducing Coupling (SOC x SOC) 2-1/2x2
429-338	Reducing Coupling (SOC x SOC) 3x2
429-340	Reducing Coupling (SOC x SOC) 3x2-1/2
429-420	Reducing Coupling (SOC x SOC) 4x2
429-422	Reducing Coupling (SOC x SOC) 4x3
429-532	Reducing Coupling (SOC x SOC) 6x4
435-005	Female Adapter (SOC x FIPT) 1/2"
435-007	Female Adapter (SOC x FIPT) 3/4"
435-010	Female Adapter (SOC x FIPT) 1"
435-012	Female Adapter (SOC x FIPT) 1-1/4"
435-015	Female Adapter (SOC x FIPT) 1-1/2"
435-020	Female Adapter (SOC x FIPT) 2"
436-074	Reducing Male Adapter (SOC x MIPT) 1/2x3/4
436-075	Reducing Male Adapter (SOC x MIPT) 1/2x1
436-101	Reducing Male Adapter (SOC x MIPT) 3/4x1/2
436-102	Reducing Male Adapter (SOC x MIPT) 3/4x1
436-131	Reducing Male Adapter (SOC x MIPT) 1x3/4
436-132	Reducing Male Adapter (SOC x MIPT) 1x1-1/4
436-133	Reducing Male Adapter (SOC x MIPT) 1x1-1/2
437-101	Reducing Bushing Flush Style(SPIG x SOC) 3/4x1/2
437-130	Reducing Bushing Flush Style(SPIG x SOC) 1x1/2
437-131	Reducing Bushing Flush Style(SPIG x SOC) 1x3/4
437-166	Reducing Bushing Flush Style(SPIG x SOC) 1-1/4x1/2
437-167	Reducing Bushing Flush Style(SPIG x SOC) 1-1/4x3/4
437-168	Reducing Bushing Flush Style(SPIG x SOC) 1-1/4x1
437-209	Reducing Bushing Flush Style(SPIG x SOC) 1-1/2x1/2
437-210	Reducing Bushing Flush Style(SPIG x SOC) 1-1/2x3/4
437-211	Reducing Bushing Flush Style(SPIG x SOC) 1-1/2x1
437-212	Reducing Bushing Flush Style(SPIG x SOC) 1-1/2x1-1/4
437-247	Reducing Bushing Flush Style(SPIG x SOC) 2x1/2
437-248	Reducing Bushing Flush Style(SPIG x SOC) 2x3/4
437-249	Reducing Bushing Flush Style(SPIG x SOC) 2x1
437-250	Reducing Bushing Flush Style(SPIG x SOC) 2x1-1/4
437-251	Reducing Bushing Flush Style(SPIG x SOC) 2x1-1/2



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437-287	Reducing Bushing Flush Style (SPIG x SOC) 2-1/2x1/2
437-288	Reducing Bushing Flush Style (SPIG x SOC) 2-1/2x3/4
437-289	Reducing Bushing Flush Style (SPIG x SOC) 2-1/2x1
437-290	Reducing Bushing Flush Style (SPIG x SOC) 2-1/2x1-1/4
437-291	Reducing Bushing Flush Style (SPIG x SOC) 2-1/2x1-1/2
437-292	Reducing Bushing Flush Style (SPIG x SOC) 2-1/2x2
438-101	Reducing Bushing Flush Style (SPIG x FIPT) 3/4x1/2
438-130	Reducing Bushing Flush Style (SPIG x FIPT) 1x1/2
438-131	Reducing Bushing Flush Style (SPIG x FIPT) 1x3/4
438-166	Reducing Bushing Flush Style (SPIG x FIPT) 1-1/4x1/2
438-167	Reducing Bushing Flush Style (SPIG x FIPT) 1-1/4x3/4
438-168	Reducing Bushing Flush Style (SPIG x FIPT) 1-1/4x1
438-128	Reducing Bushing Flush Style (SPIG x FIPT) 1x1/4
438-209	Reducing Bushing Flush Style (SPIG x FIPT) 1-1/2x1/2
438-210	Reducing Bushing Flush Style (SPIG x FIPT) 1-1/2x3/4
438-211	Reducing Bushing Flush Style (SPIG x FIPT) 1-1/2x1
438-212	Reducing Bushing Flush Style (SPIG x FIPT) 1-1/2x1-1/4
447-005	Cap (SOC) 1/2"
447-007	Cap (SOC) 3/4"
447-010	Cap (SOC) 1"
447-012	Cap (SOC) 1-1/4"
447-015	Cap (SOC) 1-1/2"
447-020	Cap (SOC) 2"
447-025	Cap (SOC) 2-1/2"
447-030	Cap (SOC) 3"
447-040	Cap (SOC) 4"
447-060	Cap (SOC) 6"
448-005	Cap (FIPT) 1/2"
448-007	Cap (FIPT) 3/4"
448-010	Cap (FIPT) 1"
448-012	Cap (FIPT) 1-1/4"
448-015	Cap (FIPT) 1-1/2"
448-020	Cap (FIPT) 2"
449-005	Plug (SPIG) 1/2"
449-007	Plug (SPIG) 3/4"
449-010	Plug (SPIG) 1"
449-012	Plug (SPIG) 1-1/4"
449-015	Plug (SPIG) 1-1/2"
449-020	Plug (SPIG) 2"
449-025	Plug (SPIG) 2-1/2"
449-030	Plug (SPIG) 3"
449-040	Plug (SPIG) 4"
450-005	Plug (MIPT) 1/2"
450-007	Plug (MIPT) 3/4"
450-010	Plug (MIPT) 1"
450-012	Plug (MIPT) 1-1/4"
450-015	Plug (MIPT) 1-1/2"
450-020	Plug (MIPT) 2"



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450-025	Plug (MIPT) 2-1/2"
450-030	Plug (MIPT) 3"
450-040	Plug (MIPT) 4"
436-005	Male Adapter (Mipt x Socket) 1/2"
436-007	Male Adapter (Mipt x Socket) 3/4"
436-012	Male Adapter (Mipt x Socket) 1-1/4"
436-015	Male Adapter (Mipt x Socket) 1-1/2"
436-020	Male Adapter (Mipt x Socket) 2"
410-005	90degrees Street Ell (MIPT x SOC) 1/2"
410-007	90degrees Street Ell (MIPT x SOC) 3/4"
410-010	90degrees Street Ell (MIPT x SOC) 1"
410-012	90degrees Street Ell (MIPT x SOC) 1-1/4"
410-015	90degrees Street Ell (MIPT x SOC) 1-1/2"
410-020	90degrees Street Ell (MIPT x SOC) 2"
429-060	Coupling (SOC x SOC) 6
479-007	Deep Socket Coupling (SOC x SOC) 3/4
479-010	Deep Socket Coupling (SOC x SOC) 1
479-012	Deep Socket Coupling (SOC x SOC) 1-1/4
479-015	Deep Socket Coupling (SOC x SOC) 1-1/2
479-020	Deep Socket Coupling (SOC x SOC) 2
417-060	45°Ell (SOC x SOC) 6
401-156	Reducing Tee (SOC x SOC x SOC) 1-1/4x1x1/2
401-157	Reducing Tee (SOC x SOC x SOC) 1-1/4x1x3/4
401-158	Reducing Tee (SOC x SOC x SOC) 1-1/4x1x1
401-199	Reducing Tee (SOC x SOC x SOC) 1-1/2x1-1/4x1/2
401-201	Reducing Tee (SOC x SOC x SOC) 1-1/2x1-1/4x3/4
401-202	Reducing Tee (SOC x SOC x SOC) 1-1/2x1-1/4x1
401-233	Reducing Tee (SOC x SOC x SOC) 2x1x2
401-238	Reducing Tee (SOC x SOC x SOC) 2x1-1/2x3/4
401-239	Reducing Tee (SOC x SOC x SOC) 2x1-1/2x1
401-241	Reducing Tee (SOC x SOC x SOC) 2x1-1/2x1-1/2
401-287	Reducing Tee (SOC x SOC x SOC) 2-1/2x2-1/2x1/2
401-288	Reducing Tee (SOC x SOC x SOC) 2-1/2x2-1/2x3/4
401-289	Reducing Tee (SOC x SOC x SOC) 2-1/2x2-1/2x1
401-290	Reducing Tee (SOC x SOC x SOC) 2-1/2x2-1/2x1-1/4
401-291	Reducing Tee (SOC x SOC x SOC) 2-1/2x2-1/2x1-1/2
401-292	Reducing Tee (SOC x SOC x SOC) 2-1/2x2-1/2x2
401-333	Reducing Tee (SOC x SOC x SOC) 3x3x1/2
401-334	Reducing Tee (SOC x SOC x SOC) 3x3x3/4
401-335	Reducing Tee (SOC x SOC x SOC) 3x3x1
401-336	Reducing Tee (SOC x SOC x SOC) 3x3x1-1/4
401-337	Reducing Tee (SOC x SOC x SOC) 3x3x1-1/2
401-338	Reducing Tee (SOC x SOC x SOC) 3x3x2
401-416	Reducing Tee (SOC x SOC x SOC) 4x4x3/4
401-417	Reducing Tee (SOC x SOC x SOC) 4x4x1
401-418	Reducing Tee (SOC x SOC x SOC) 4x4x1-1/4
401-419	Reducing Tee (SOC x SOC x SOC) 4x4x1-1/2
401-420	Reducing Tee (SOC x SOC x SOC) 4x4x2



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401-422	Reducing Tee (SOC x SOC x SOC) 4x4x3
401-528	Reducing Tee (SOC x SOC x SOC) 6x6x2
401-530	Reducing Tee (SOC x SOC x SOC) 6x6x3
401-532	Reducing Tee (SOC x SOC x SOC) 6x6x4
444-005	Street Tee (SPIG x SOC x SOC) 1/2
444-007	Street Tee (SPIG x SOC x SOC) 3/4
444-010	Street Tee (SPIG x SOC x SOC) 1
444-012	Street Tee (SPIG x SOC x SOC) 1-1/4
444-015	Street Tee (SPIG x SOC x SOC) 1-1/2
444-020	Street Tee (SPIG x SOC x SOC) 2
402-005	Tee (SOC x SOC x FIPT) 1/2
402-007	Tee (SOC x SOC x FIPT) 3/4
402-010	Tee (SOC x SOC x FIPT) 1
402-012	Tee (SOC x SOC x FIPT) 1-1/4
402-015	Tee (SOC x SOC x FIPT) 1-1/2
402-020	Tee (SOC x SOC x FIPT) 2
402-025	Tee (SOC x SOC x FIPT) 2-1/2
402-030	Tee (SOC x SOC x FIPT) 3
402-040	Tee (SOC x SOC x FIPT) 4
402-072	Reducing Tee (SOC x SOC x FIPT) 1/2x1/2x1/4
402-094	Reducing Tee (SOC x SOC x FIPT) 3/4x1/2x1/2
402-101	Reducing Tee (SOC x SOC x FIPT) 3/4x3/4x1/2
402-124	Reducing Tee (SOC x SOC x FIPT) 1x3/4x1/2
402-125	Reducing Tee (SOC x SOC x FIPT) 1x3/4x3/4
402-130	Reducing Tee (SOC x SOC x FIPT) 1x1x1/2
402-131	Reducing Tee (SOC x SOC x FIPT) 1x1x3/4
402-156	Reducing Tee (SOC x SOC x FIPT) 1-1/4x1x1/2
402-157	Reducing Tee (SOC x SOC x FIPT) 1-1/4x1x3/4
402-158	Reducing Tee (SOC x SOC x FIPT) 1-1/4x1x1
402-166	Reducing Tee (SOC x SOC x FIPT) 1-1/4x1-1/4x1/2
402-167	Reducing Tee (SOC x SOC x FIPT) 1-1/4x1-1/4x3/4
402-168	Reducing Tee (SOC x SOC x FIPT) 1-1/4x1-1/4x1
402-199	Reducing Tee (SOC x SOC x FIPT) 1-1/2x1-1/4x1/2
402-201	Reducing Tee (SOC x SOC x FIPT) 1-1/2x1-1/4x3/4
402-209	Reducing Tee (SOC x SOC x FIPT) 1-1/2x1-1/2x1/2
402-210	Reducing Tee (SOC x SOC x FIPT) 1-1/2x1-1/2x3/4
402-211	Reducing Tee (SOC x SOC x FIPT) 1-1/2x1-1/2x1
402-212	Reducing Tee (SOC x SOC x FIPT) 1-1/2x1-1/2x1-1/4
402-247	Reducing Tee (SOC x SOC x FIPT) 2x2x1/2
402-248	Reducing Tee (SOC x SOC x FIPT) 2x2x3/4
402-249	Reducing Tee (SOC x SOC x FIPT) 2x2x1
402-250	Reducing Tee (SOC x SOC x FIPT) 2x2x1-1/4
402-251	Reducing Tee (SOC x SOC x FIPT) 2x2x1-1/2
402-287	Reducing Tee (SOC x SOC x FIPT) 2-1/2x2-1/2x1/2
402-288	Reducing Tee (SOC x SOC x FIPT) 2-1/2x2-1/2x3/4
402-289	Reducing Tee (SOC x SOC x FIPT) 2-1/2x2-1/2x1
402-290	Reducing Tee (SOC x SOC x FIPT) 2-1/2x2-1/2x1-1/4
402-291	Reducing Tee (SOC x SOC x FIPT) 2-1/2x2-1/2x1-1/2





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Issued To: Guangdong Liansu Technology Industrial Co., Ltd

402-292	Reducing Tee (SOC x SOC x FIPT) 2-1/2x2-1/2x2
402-333	Reducing Tee (SOC x SOC x FIPT) 3x3x1/2
402-334	Reducing Tee (SOC x SOC x FIPT) 3x3x3/4
402-335	Reducing Tee (SOC x SOC x FIPT) 3x3x1
402-336	Reducing Tee (SOC x SOC x FIPT) 3x3x1-1/4
402-337	Reducing Tee (SOC x SOC x FIPT) 3x3x1-1/2
402-338	Reducing Tee (SOC x SOC x FIPT) 3x3x2
402-417	Reducing Tee (SOC x SOC x FIPT) 4x4x1
402-419	Reducing Tee (SOC x SOC x FIPT) 4x4x1-1/2
402-420	Reducing Tee (SOC x SOC x FIPT) 4x4x2
402-422	Reducing Tee (SOC x SOC x FIPT) 4x4x3
402-525	Reducing Tee (SOC x SOC x FIPT) 6x6x1
402-528	Reducing Tee (SOC x SOC x FIPT) 6x6x2
402-530	Reducing Tee (SOC x SOC x FIPT) 6x6x3
402-532	Reducing Tee (SOC x SOC x FIPT) 6x6x4
405-005	Tee (FIPT x FIPT x FIPT) 1/2
405-007	Tee (FIPT x FIPT x FIPT) 3/4
405-010	Tee (FIPT x FIPT x FIPT) 1
405-012	Tee (FIPT x FIPT x FIPT) 1-1/4
405-015	Tee (FIPT x FIPT x FIPT) 1-1/2
405-020	Tee (FIPT x FIPT x FIPT) 2
406-053	90° Reducing Ell (SOC x SOC) 3/8x1/2
406-166	90° Reducing Ell (SOC x SOC) 1-1/4x1/2
406-167	90° Reducing Ell (SOC x SOC) 1-1/4x3/4
406-209	90° Reducing Ell (SOC x SOC) 1-1/2x1/2
406-250	90° Reducing Ell (SOC x SOC) 2x1-1/4
406-292	90° Reducing Ell (SOC x SOC) 2-1/2x2
407-012	90° Ell (SOC x FIPT) 1-1/4
407-015	90° Ell (SOC x FIPT) 1-1/2
407-020	90° Ell (SOC x FIPT) 2
407-025	90° Ell (SOC x FIPT) 2-1/2
407-030	90° Ell (SOC x FIPT) 3
407-040	90° Ell (SOC x FIPT) 4
407-101	90° Reducing Ell (SOC x FIPT) 3/4x1/2
407-074	90° Reducing Ell (SOC x FIPT) 1/2x3/4
407-130	90° Reducing Ell (SOC x FIPT) 1x1/2
407-131	90° Reducing Ell (SOC x FIPT) 1x3/4
407-168	90° Reducing Ell (SOC x FIPT) 1-1/4x1
407-211	90° Reducing Ell (SOC x FIPT) 1-1/2x1
407-249	90° Reducing Ell (SOC x FIPT) 2x1
407-251	90° Reducing Ell (SOC x FIPT) 2x1-1/2
408-005	90° Ell (FIPT x FIPT) 1/2
408-007	90° Ell (FIPT x FIPT) 3/4
408-010	90° Ell (FIPT x FIPT) 1
408-012	90° Ell (FIPT x FIPT) 1-1/4
408-015	90° Ell (FIPT x FIPT) 1-1/2
408-020	90° Ell (FIPT x FIPT) 2
409-025	90° Street Ell (SPIG x SOC) 2-1/2



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409-030	90° Street Ell (SPIG x SOC) 3
409-040	90° Street Ell (SPIG x SOC) 4
409-060	90° Street Ell (SPIG x SOC) 6
410-101	Reducing 90° Street Ell (MIPT x SOC) 3/4x1/2
410-102	Reducing 90° Street Ell (MIPT x SOC) 3/4x1
412-005	90° Street Ell (MIPT x FIPT) 1/2
412-007	90° Street Ell (MIPT x FIPT) 3/4
412-010	90° Street Ell (MIPT x FIPT) 1
412-012	90° Street Ell (MIPT x FIPT) 1-1/4
412-015	90° Street Ell (MIPT x FIPT) 1-1/2
412-020	90° Street Ell (MIPT x FIPT) 2
414-130	Side Outlet Ell (SOC x SOC x FIPT) 1x1x1/2
414-005	Side Outlet Ell (SOC x SOC x FIPT) 1/2
414-101	Side Outlet Ell (SOC x SOC x FIPT) 3/4x3/4x1/2
420-025	Cross (SOC x SOC x SOC x SOC) 2-1/2
420-030	Cross (SOC x SOC x SOC x SOC) 3
420-040	Cross (SOC x SOC x SOC x SOC) 4
420-060	Cross (SOC x SOC x SOC x SOC) 6
420-101	Reducing Cross (SOC x SOC x SOC x SOC) 3/4x3/4x1/2x1/2
420-249	Reducing Cross (SOC x SOC x SOC x SOC) 2x2x1x1
420-251	Reducing Cross (SOC x SOC x SOC x SOC) 2x2x1-1/2x1-1/2
420-420	Reducing Cross (SOC x SOC x SOC x SOC) 4x4x2x2
420-422	Reducing Cross (SOC x SOC x SOC x SOC) 4x4x3x3
420-528	Reducing Cross (SOC x SOC x SOC x SOC) 6x6x2x2
420-532	Reducing Cross (SOC x SOC x SOC x SOC) 6x6x4x4
429-421	Reducing Coupling (SOC x SOC) 4x2-1/2
429-528	Reducing Coupling (SOC x SOC) 6x2
429-530	Reducing Coupling (SOC x SOC) 6x3
429-168E	Eccentric Reducer Coupling (SOC x SOC) 1-1/4x1
429-212E	Eccentric Reducer Coupling (SOC x SOC) 1-1/2x1-1/4
429-251E	Eccentric Reducer Coupling (SOC x SOC) 2x1-1/2
429-292E	Eccentric Reducer Coupling (SOC x SOC) 2-1/2x2
429-338E	Eccentric Reducer Coupling (SOC x SOC) 3x2
429-420E	Eccentric Reducer Coupling (SOC x SOC) 4x2
429-421E	Eccentric Reducer Coupling (SOC x SOC) 4x2-1/2
429-422E	Eccentric Reducer Coupling (SOC x SOC) 4x3
429-528E	Eccentric Reducer Coupling (SOC x SOC) 6x2
429-530E	Eccentric Reducer Coupling (SOC x SOC) 6x3
429-532E	Eccentric Reducer Coupling (SOC x SOC) 6x4
430-005	Coupling (FIPT x FIPT) 1/2
430-007	Coupling (FIPT x FIPT) 3/4
430-010	Coupling (FIPT x FIPT) 1
430-012	Coupling (FIPT x FIPT) 1-1/4
430-101	Reducing Coupling (FIPT x FIPT) 3/4x1/2
435-030	Female Adapter (SOC x FIPT) 3
435-040	Female Adapter (SOC x FIPT) 4
435-072	Reducing Female Adapter (SOC x FIPT) 1/2x1/4
435-073	Reducing Female Adapter (SOC x FIPT) 1/2x3/8



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- 435-101 Reducing Female Adapter (SOC x FIPT) 3/4x1/2
- 435-102 Reducing Female Adapter (SOC x FIPT) 3/4x1
- 435-130 Reducing Female Adapter (SOC x FIPT) 1x1/2
- 435-131 Reducing Female Adapter (SOC x FIPT) 1x3/4
- 435-133 Reducing Female Adapter (SOC x FIPT) 1x1-1/2
- 435-168 Reducing Female Adapter (SOC x FIPT) 1-1/4x1
- 436-010 Male Adapter (Mipt x SOC) 1
- 436-030 Male Adapter (Mipt x SOC) 3
- 436-040 Male Adapter (Mipt x SOC) 4
- 436-060 Male Adapter (Mipt x SOC) 6
- 436-053 Reducing Male Adapter (SOC x MIPT) 3/8x1/2
- 436-073 Reducing Male Adapter (SOC x MIPT) 1/2x3/8
- 436-168 Reducing Male Adapter (SOC x MIPT) 1-1/4x1
- 436-169 Reducing Male Adapter (SOC x MIPT) 1-1/4x1-1/2
- 436-212 Reducing Male Adapter (SOC x MIPT) 1-1/2x1-1/4
- 436-213 Reducing Male Adapter (SOC x MIPT) 1-1/2x2
- 436-251 Reducing Male Adapter (SOC x MIPT) 2x1-1/2
- 436-342 Reducing Male Adapter (SOC x MIPT) 3x4
- 461-005 Male Adapter (take off) (SPIG x MIPT) 1/2
- 461-007 Male Adapter (take off) (SPIG x MIPT) 3/4
- 461-010 Male Adapter (take off) (SPIG x MIPT) 1
- 461-015 Male Adapter (take off) (SPIG x MIPT) 1-1/2
- 461-020 Male Adapter (take off) (SPIG x MIPT) 2
- 439-052 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 3/8x1/4
- 439-072 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 1/2x1/4
- 439-098 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 3/4x1/4
- 439-099 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 3/4x3/8
- 439-101 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 3/4x1/2
- 439-128 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 1x1/4
- 439-130 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 1x1/2
- 439-131 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 1x3/4
- 439-166 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 1-1/4x1/2
- 439-167 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 1-1/4x3/4
- 439-168 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 1-1/4x1
- 439-209 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 1-1/2x1/2
- 439-210 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 1-1/2x3/4
- 439-211 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 1-1/2x1
- 439-212 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 1-1/2x1-1/4
- 439-248 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 2x3/4
- 439-249 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 2x1
- 439-251 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 2x1-1/2
- 439-338 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 3x2
- 439-422 Reducing T.T. Bushing Flush Style (FIPT x MIPT) 4x3
- 437-072 Reducing Bushing Flush Style (SPIG x SOC) 1/2x1/4
- 437-073 Reducing Bushing Flush Style (SPIG x SOC) 1/2x3/8
- 437-338 Reducing Bushing Flush Style (SPIG x SOC) 3x2
- 437-339 Reducing Bushing Flush Style (SPIG x SOC) 3x2-1/2
- 437-420 Reducing Bushing Flush Style (SPIG x SOC) 4x2



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Issued To: Guangdong Liansu Technology Industrial Co., Ltd

437-422	Reducing Bushing Flush Style (SPIG x SOC) 4x3
437-528	Reducing Bushing Flush Style (SPIG x SOC) 6x2
437-530	Reducing Bushing Flush Style (SPIG x SOC) 6x3
437-532	Reducing Bushing Flush Style (SPIG x SOC) 6x4
438-052	Reducing Bushing Flush Style (SPIG x FIPT) 3/8x1/4
438-072	Reducing Bushing Flush Style (SPIG x FIPT) 1/2x1/4
438-098	Reducing Bushing Flush Style (SPIG x FIPT) 3/4x1/4
438-129	Reducing Bushing Flush Style (SPIG x FIPT) 1x3/8
438-207	Reducing Bushing Flush Style (SPIG x FIPT) 1-1/2x1/4
438-245	Reducing Bushing Flush Style (SPIG x FIPT) 2x1/4
438-247	Reducing Bushing Flush Style (SPIG x FIPT) 2x1/2
438-248	Reducing Bushing Flush Style (SPIG x FIPT) 2x3/4
438-249	Reducing Bushing Flush Style (SPIG x FIPT) 2x1
438-250	Reducing Bushing Flush Style (SPIG x FIPT) 2x1-1/4
438-251	Reducing Bushing Flush Style (SPIG x FIPT) 2x1-1/2
438-338	Reducing Bushing Flush Style (SPIG x FIPT) 3x2
438-420	Reducing Bushing Flush Style (SPIG x FIPT) 4x2
438-422	Reducing Bushing Flush Style (SPIG x FIPT) 4x3
438-528	Reducing Bushing Flush Style (SPIG x FIPT) 6x2
438-530	Reducing Bushing Flush Style (SPIG x FIPT) 6x3
438-532	Reducing Bushing Flush Style (SPIG x FIPT) 6x4
448-025	Cap (FIPT) 2-1/2
448-030	Cap (FIPT) 3
448-040	Cap (FIPT) 4
448-060	Cap (FIPT) 6
449-060	Plug (SPIG) 6
450-003	Plug (MIPT) 3/8
450-060	Plug (MIPT) 6
434-005	Riser Extension (FIPT x MIPT) 1/2
434-007	Riser Extension (FIPT x MIPT) 3/4

### Prefixes:

- 1) Figure numbers may have one of the following optional prefixes used to identify retail packaging requirements : URP, U, UTP, USP, UPP, UP, UMP, UHP, UBP, PP, MPP, RP, MRP, RLN, LN, RS, MRR, RL, CPRLN or RLR.
- 2) Figure numbers may have one of the following optional prefixes used to identify retail packaging requirements : R.