

CERTIFICATE OF COMPLIANCE

Certificate Number 20170714-EX15945
Report Reference EX15945-20170710
Issue Date 2017-JULY-14

Issued to: VSH FITTINGS BV
OUDE AMERSFOORTSEWEG 99
1212 AA HILVERSUM THE NETHERLANDS

This is to certify that FITTINGS, RUBBER GASKETED
representative samples of See addendum page for Models

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 213 - Rubber Gasketed Fittings for Fire Protection
Service
ULC/ORD C213 - Rubber Gasketed Fittings for Fire
Protection Service
UL 852 - Metallic Sprinkler Pipe for Fire Protection Service
ULC/ORD C199S - Light Wall Steel Pipes for Sprinkler
Systems for Fire Protection Service

Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Models :

USL, CNL Rubber gasketed fittings of the following types, sizes and rated pressures:

Model PowerPress carbon steel rubber gasketed fittings in the following types, sizes and rated pressures are intended for use with Schedule 10 and 40 steel sprinkler pipe and are to be installed in accordance with the manufacturer's installation instructions and the Model ACO202 crimping tool manufactured by NOVOPRESS or the Model M18 Force Logic crimping tool manufactured by Milwaukee.

Model No.	Fitting Type	Fitting End Type	Pipe Type	Size, in.	Rated Pressure, psig
401	Coupling-No Stop	Press	40	1/2, 3/4	175
401	Coupling-No Stop	Press	10, 40	1, 1-1/4, 1-1/2, 2	175
400	Coupling w/ Stop	Press	40	1/2, 3/4	175
400	Coupling w/ Stop	Press	10, 40	1, 1-1/4, 1-1/2, 2	175
407	90° Elbow	Press	40	1/2, 3/4	175
407	90° Elbow	Press	10, 40	1, 1-1/4, 1-1/2, 2	175
407-2	90° Elbow	Ftg x Press	40	1/2, 3/4	175
407-2	90° Elbow	Ftg x Press	10, 40	1, 1-1/4, 1-1/2, 2	175
406	45° Elbow	Press	40	1/2, 3/4	175
406	45° Elbow	Press	10, 40	1, 1-1/4, 1-1/2, 2	175
406-2	45° Elbow	Ftg x Press	40	1/2, 3/4	175
406-2	45° Elbow	Ftg x Press	10, 40	1, 1-1/4, 1-1/2, 2	175
417	Cap	Press	40	1/2, 3/4	175
417	Cap	Press	10, 40	1, 1-1/4, 1-1/2, 2	175
4733	Union	Press	40	1/2, 3/4	175
4733	Union	Press	10, 40	1, 1-1/4, 1-1/2, 2	175
4771	Flange Adapter	Press x Flange	40	1/2, 3/4	175
4771	Flange Adapter	Press x Flange	10, 40	1, 1-1/4, 1-1/2, 2	175
411	Equal Tee	Press	40	1/2, 3/4	175
411	Equal Tee	Press	10, 40	1, 1-1/4, 1-1/2, 2	175
404	Male Adapter	Press x MPT	40	1/2, 3/4	175
404	Male Adapter	Press x MPT	10, 40	1, 1-1/4, 1-1/2, 2	175
403	Female Adapter	Press x FPT	40	1/2, 3/4	175
403	Female Adapter	Press x FPT	10, 40	1, 1-1/4, 1-1/2, 2	175
403	Female Adapter	Press x FPT	40	3/4 x 1/2	175

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Model No.	Fitting Type	Fitting End Type	Pipe Type	Size, in.	Rated Pressure, psig
403	Female Adapter	Press x FPT	10, 40	1 x 1/2, 1 x 3/4; 1-1/4 x 1/2, 1-1/4 x 3/4, 1-1/4 x 1; 1-1/2 x 1/2, 1-1/2 x 3/4, 1-1/2 x 1, 1-1/2 x 1-1/4; 2 x 1/2, 2 x 3/4, 2 x 1, 2 x 1-1/4, 2 x 1-1/2	175
418	Reducer	Ftg x Press	40	3/4 x 1/2; 1 x 1/2, 1 x 3/4; 1-1/2 x 3/4	175
418	Reducer	Ftg x Press	10, 40	1-1/4 x 1; 1-1/2 x 1, 1-1/2 x 1-1/4; 2 x 1, 2 x 1-1/4, 2 x 1-1/2	175
411R	Reducing Tee	Press	40	3/4 x 3/4 x 1/2; 1 x 1 x 1/2, 1 x 1 x 3/4; 1-1/2 x 1-1/2 x 1/2, 1-1/2 x 1-1/2 x 3/4; 2 x 2 x 1/2, 2 x 2 x 3/4	175
411R	Reducing Tee	Press	10, 40	1-1/4 x 1-1/4 x 1; 1-1/2 x 1-1/2 x 1, 1-1/2 x 1-1/2 x 1-1/4; 2 x 2 x 1, 2 x 2 x 1-1/4, 2 x 2 x 1-1/2	175
4712	Female Threaded Tee	Press x Press x FPT	40	3/4 x 3/4 x 3/4	175
4712	Reducing Female Threaded Tee	Press x Press x FPT	40	3/4 x 3/4 x 1/2	175
4712	Reducing Female Threaded Tee	Press x Press x FPT	10, 40	1 x 1 x 1/2, 1 x 1 x 3/4; 1-1/4 x 1-1/4 x 1/2; 1-1/2 x 1-1/2 x 1/2, 1-1/2 x 1-1/2 x 3/4, 1-1/2 x 1-1/2 x 1, 1-1/2 x 1-1/2 x 1-1/4; 2 x 2 x 1/2, 2 x 2 x 3/4, 2 x 2 x 1, 2 x 2 x 1-1/4, 2 x 2 x 1-1/2	175

FPT - Female Pipe Thread (ISO 7)

MPT - Male Pipe Thread (ISO 7)

Ftg – Plain End Fitting

10 refers to Schedule 10 steel pipe

40 refers to Schedule 40 steel pipe

Fittings in the 1/2 and 3/4 in. sizes are intended use in trim and drain applications only. Threaded connections in the 1/2 and 3/4 inch size can be used for direct connections to sprinklers only.

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