FM Approvals

Certificate of Compliance

This certificate is issued for the following:

Non-Gasketed Pipe Fittings for Use with Aboveground Fire Protection Systems

1/13 90° Long Sweep Bend (F x M)	1a/1a 90° Short Bend (F x M)	2/15 90° Long Sweep Bend (F x F)	2a/2a 90° Short Bend (F x F)
90° Long Sweep Bend (M x M)	40/22 45° Long Sweep Bend (F x M)	41/20 45° Long Sweep Bend (F x F)	85/85 Crossover (F x F)

Prepared for:

Odlewnia Zawiercie Spolka Akcyjna
ul. Lesna 10
Zawiercie 42-400
Poland

Manufactured at:

Odlewnia Zawiercie Spolka Akcyjna
ul. Lesna 10
Zawiercie 42-400
Poland

FM Approvals Class: 1920 – "Pipe Couplings and Fittings for Aboveground Fire Protection Systems" (November, 2007)

Approval Identification: PR469317

Approval Granted: 10 January 2025

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

FM APPROVED

David B. Fuller
VP – Manager of Fire Protection
FM Approvals
One Technology Way
Norwood, MA 02062

SCC Accredited CB-P/S OCPS Accrédité CCN

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90/6 90° Elbow (F x F)	90/6 90° Reducing Elbow (F x F)	92/7 90° Elbow (F x M)	92/7 90° Reducing Elbow (F x M)
94/94 90° Elbow (M x M)	95oru/9oru 90° Union Elbow - Flat Seat (F x F)	96/10 90° Union Elbow - Taper Seat (F x F)	97oru/11oru 90° Union Elbow - Flat Seat (F x M)

Prepared for:

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ul. Lesna 10
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Poland

Manufactured at:

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98/12 90° Union Elbow - Taper Seat (F x M)	120/5 45° Elbow (F x F)	130/25 Equal Tee (F x F x F)	130/25 Reducing Tee (F x F x F)
131/31 Pitcher Tee (F x F x F)	135/135 Equal Tee (M x M x M)	165/30 45° Equal Tee (F x F x F)	180/34 Equal Cross (F x F x F x F)

Prepared for:

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Poland

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180/34 Reducing Cross (F x F x F x F)	220/220 Y-Piece (F x F x F)	221/33 Side Outlet Elbow (F x F x F)	240/3 Reducing Socket (F x F)
241/45 Reducing Bushing (F x F)	245/40 Reducing Hexagonal Nipple (M x M)	246/246 Reducing Socket (F x M)	270/2 Socket (F x F)

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271/1 Right and Left Hand Thread Socket (F x F)	280/38 Hexagonal Nipple (M x M)	281/39 Right and Left Hand Thread Nipple (M x M)	290/46 Beaded Plug (M)
291/47 Plain Plug (M)	300/43 Cap (F)	301/301 Cap (F)	310/44 Backnut (F)

Prepared for:

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321/63 Floor Flange (F)	321a/63a Flange (F)	326/326 Screwed Flange (F)	330oru/48oru Union, Flat Seat (F x F)
331oru/59oru Union, Flat Seat (F x M)	331/59 Union, Taper Seat (F x F)	341/60 Union, Taper Seat (F x M)	370/49 Union Bushing, Flat Seat (F x M)

Prepared for:

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371or/50or
Union End, Flat Seat
(F x M)

372or/51or
Union Bush, Flat Seat
(F x F)

374/52
Union Nut
(F)

471/471
Bracket Elbow
(F x F x F)

529a/529a
Socket
(F x M)

Prepared for:

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