

Fire fighting fittings





Fittings, suction side

Hose couplings

standardized fittings with test number, DIN and manufacturer's mark of light metal are designed for an operating pressure of 16 bar except when noted otherwise.

041111 Hose coupling LM, size 25 D-DS, PN 16, for hose 25 mm

Connection piece 53 mm. Weight: approx. 0,09 kg

041123 Hose coupling LM, size 52 C-DS, PN 16, for hose 38 mm

Connection piece 90 mm. Weight: approx. 0,37 kg

041570 Suction coupling LM, size C-DS, for hose 52 mm

Connection piece 90 mm, cast, PN 10. Weight: approx. 0,355 kg

041589 Hose coupling LM, size 52-C DS, lock, for hose 52 mm

Connection piece 90 mm, with additional lock. Weight: approx. 0,37 kg

041572 Suction coupling LM, size 75 B-DS, for hose 75 mm

Connection piece 125 mm, cast, PN 10. Weight: approx. 0,67 kg

041411 Hose coupling LM, size 110 A-DS, PN 16, for hose 110 mm

Connection piece 115 mm. Weight: approx. 1,445 kg

Connection piece for suction and delivery coupling LM

041151 Connection piece for suction and delivery coupling, LM

Size 25 D-DS. DIN 14301. Weight: approx. 0,03 kg

041521 Connection piece for suction and delivery coupling, LM

Size 52 C-DS. DIN 14321. Weight: approx. 0,21 kg

041541 Connection piece for suction and delivery coupling, LM

Size 75 B-DS. DIN 14322. Weight: approx. 0,48 kg

041561 Connection piece for suction and delivery coupling, LM

Size 110 A-DS. DIN 14323. Weight: approx. 1,01 kg

041252 Tappet piece for hose coupling LM, size C-52, DIN 14302

for suction and pressure operation. Weight: approx. 0,2 kg

041353 Tappet piece for hose coupling LM, size B-75, DIN 14303

for suction and pressure operation. Weight: approx. 0,29 kg



041111



041123



041570



041589



041572



041411



041151



041521



041541



041561



041252



041353



041562



041914

041562 Tappet piece for hose coupling LM, size A-110, DIN 14323
for suction and pressure operation. Weight: approx. 0,765 kg

041914 Quick-acting handles AWG, LM, for Storz A-110
Without assembly. Weight: approx. 0,55 kg

Hydrant standpipes



044316



044711

044316 Hydrant standpipe Württemberg, 1x C outlet with water meter

Nominal load 10 m³/h, working pressure up to 6 bar. Inlet DN 50, with multi-jet water meter DN 25. Dim. (LxWxH): approx. 1890x330x125 mm, weight: approx. 9 kg

044116 Hydrant standpipe Württemberg, LM, with 2x C outlets

Lockable with screw-down valves, with turnable head, inlet DN 80. Dim. (LxWxH): approx. 1900x330x105 mm, weight: approx. 7,6 kg

044212 Hydrant standpipe Württemberg, LM, with 2x B outlets

Lockable with screw-down valves, with turnable head, inlet DN 80. Dim. (LxWxH): approx. 1975x330x126 mm, weight: approx. 8,8 kg



044116

044711 Standpipe base LM, DN 50, Württemberg

Consisting of standpipe base, riser, handle and sealing. Dim. (LxWxH): approx. 1615x330x105 mm, weight: approx. 4,65 kg

044723 Standpipe base LM, DN 50, Württemberg, M 65 x 1,5" IG, 3part

Consisting of base with flat sealing ring and claw nut. Weight: approx. 0,9 kg



044212

044761 Standpipe extension ZIEGLER with base DN 50/50

Provides use with standpipes DN 70/80, DIN 14375, for deep-set shaft hydrants type DN 50/50 Württemberg, usable extension 950 mm. Total length: approx. 1250 mm, weight: approx. 9 kg

044211 Hydrant standpipe DIN 14375, with 2x B outlets, LM

Lockable with screw-down valves, with turnable head, inlet DN 80. Dim. (LxWxH): approx. 1050x340x126 mm, weight: approx. 6,9 kg

044100 Handle for DIN standpipe DN 80, W 72 x 1 1/4" IG

Handle pieces of light metal. Weight: approx. 0,86 kg



044723



044761



044211



044100

**044712 Standpipe base of light metal complete, DN 80, DIN 14375**

Consisting of standpipe base, pipe, handle and sealing. Dim. (LxWxH): approx. 690x330x105 mm, weight: approx. 3,1 kg

044721 Standpipe base LM, DN 80, W 72 x 1 1/4" IG

Consisting of base with flat sealing ring and claw nut. Weight: approx. 0,695 kg

044315 Hydrant standpipe DN 80, 1x C outlet with water meter

Nominal load 10 m³/h, working pressure up to 6 bar. Inlet DN 80, with multi-jet water meter DN 25. Dim. (LxWxH): approx. 895x330x125 mm, weight: approx. 7,8 kg

044940 Hydrant standpipe 2x 2 1/2", LM*

Lockable, nominal width 70/80, head turnable, also suitable for pit hydrants. Length: approx. 1050 mm

044111 Hydrant standpipe similar to DIN 14375, with 2x C outlets, LM

Lockable with screw-down valves, with turnable head, inlet DN 80. Dim. (LxWxH): approx. 980x330x105 mm, weight: approx. 5,65 kg

044606 Universal standpipe support make ZIEGLER

Consisting of a pipe construction with threaded spindle and fishplate against sliding for shafts with a cover diameter 450 up to 680 mm as well as with an adjustable and lockable clamp for the standpipe, galvanized. Weight: approx. 3 kg

Suction strainers**042301 Suction strainer size C 52, DIN 14362, LM**

With non-return valve and drain unit. Dim. (LxWxH): approx. 155x130x130 mm, weight: approx. 1 kg

042311 Suction strainer size B, DIN 14362, 75 mm

Light metal, with non-return valve and drain arrangement. Absolutely tight and maintenance-free. Weight: approx. 2,3 kg

042335 Low level strainer size B 75

With non-return valve and turnable tappet piece, without lateral inlet openings. Aspiration up to a height of 15 mm. Dim. (LxWxH): approx. 215x126x176 mm, weight: approx. 1,85 kg

042321 Suction strainer A 110, DIN 14362, LM

With non-return valve and drain arrangement. Dim. (LxWxH): approx. 235x232x232 mm, weight: approx. 5 kg

042322 Suction strainer size A, DIN 14362

with fixed handles. Weight: approx. 5,2 kg

042340 Suction strainer size DN 125, Storz 125, LM

With non-return valve and drain unit. Dim. (LxWxH): approx. 310x282x282 mm, weight: approx. 7,8 kg

042341 Low level strainer size A 110

With non-return valve and turnable tappet piece. Without lateral inlet openings. Aspiration up to a height of 15 mm. Dim. (LxWxH): approx. 293x184x240 mm, weight: approx. 4,35 kg



044712



044721



044315



044111



044606



042301



042311



042335



042321



042322



042340



042341



083123



083122



083121



083125



083126



042272



042274



042275



042211



042201



042207

Wire mesh baskets

083123 Wire mesh basket ZIEGLER size C

With elastic and instantaneous lock. Only 11 cm high when folded. Prevents clogging of the suction strainer. Weight: approx. 0,7 kg

083122 Wire mesh basket ZIEGLER size B

With elastic and instantaneous lock. Only 11 cm high when folded. Prevents clogging of the suction strainer. Weight: approx. 1 kg

083121 Wire mesh basket ZIEGLER size A

With elastic and instantaneous lock. Only 11 cm high when folded. Prevents clogging of the suction strainer. Weight: approx. 1,3 kg

083125 Wire mesh basket ZIEGLER size 125

With elastic and instantaneous lock. Only 11 cm high when folded. Prevents clogging of the suction strainer. Weight: approx. 1,8 kg

083126 Wire mesh basket ZIEGLER size 150

With instantaneous lock. Only 11 cm high when folded. Prevents clogging of the suction strainer. Weight: approx. 2,3 kg

Pipe elbow, LM

042272 Pipe elbow size Storz C, LM

Inlet turnable 90°. Dim. (LxWxH): approx. 137x132x98 mm, weight: approx. 0,9 kg

042274 Pipe elbow size Storz B, LM

Inlet turnable 90°. Dim. (LxWxH): approx. 260x260x126 mm, weight: approx. 2,9 kg

042275 Pipe elbow size Storz A, LM

Inlet turnable 90°. Dim. (LxWxH): approx. 260x260x126 mm, weight: approx. 2,9 kg

Collectors/siamese joints

042211 Collectors/siamese joints CC-B, PN 16, with pendulum non-return flap

Dim. (LxWxH): approx. 215x205x126 mm, weight: approx. 2 kg

042201 Collectors/siamese joints BB-A, DIN 14355, PN 16

With pendulum non-return valve. Dim. (LxWxH): approx. 265x240x182 mm, weight: approx. 3,3 kg

042207 Collectors/siamese joints BBB-A with non-return valve, AWG

With pendulum non-return valve. Dim. (LxWxH): approx. 390x370x230 mm, weight: approx. 7,3 kg

**Fittings, delivery side****041258 ZIEGLER clamp slip ring with coupling size C 42**

For easy and quick binding of delivery hoses without a binding device. Through the conical shape the coupling does not get caught neither is it damaged by impacts. Thanks to the dimensional adjustment of the pressure connections and clamp slip rings an absolutely safe binding will be achieved. Even at larger tolerances of the delivery hose the three segments provide form fit. The run of the lines of power of screwing and clamp ring fit in.

041259 ZIEGLER clamp slip ring with coupling size C 52

Like art. no. 041259.

041260 ZIEGLER clamp slip ring with coupling size B 75

Like art. no. 041259.

Hose couplings

Standardized fittings with test number, DIN and manufacturer's mark of light metal are designed for an operating pressure of 16 bar except when noted otherwise.

041224 Hose coupling Storz C-52, LM, PN 16, for hose 42 mm

DIN 14332, connection piece 55 mm. Weight: approx. 0,335 kg

041211 Hose coupling Storz C-52, LM, PN 16, for hose 52 mm

DIN 14302, connection piece 90 mm. Weight: approx. 0,32 kg

041108 Hose coupling Storz B-75, LM, PN 16, for hose 75 mm

DIN 14303, connection piece 75 mm. Weight: approx. 0,575 kg

041217 Connection piece for delivery coupling size 52 C, LM

For hose 42 mm. DIN 14332. Length: approx. 55 mm, weight: approx. 0,11 kg

041251 Connection piece for delivery coupling size 52 C, LM

For hose 52 mm. DIN 14302. Length: approx. 55 mm, weight: approx. 0,145 kg

Delivery couplings drinking water

Service confirmation of the DVGW test centre TZW Karlsruhe.

041097 Delivery coupling drinking water Storz D-DS, PN 16

For hose 25 mm. Of light metal. With tin lining. Service confirmation of the DVGW test centre TZW Karlsruhe is available. DVGW tested Storz sealing rings with KTW D1D2 as well as W270-DVGW-release. Equivalent to DIN 50930-6. Weight: approx. 0,09 kg

041096 Delivery coupling drinking water Storz C, PN 16, for hose 42 mm

Like art. no. 041097, however, for size C42.

041100 Delivery coupling drinking water Storz C, PN 16, for hose 52 mm

Like art. no. 041097, however, for size C52.

041095 Delivery coupling drinking water Storz B, PN 16, for hose 75 mm

Like art. no. 041097, however, for size B75.





041714



041601

041714 Drinking water blank cap size C 52 with chain

DVGW-tested KTW D1/D2 as well as W270-DVGW release. Weight: approx. 0,3 kg

Tight couplings

acc. to DIN with pipe internal thread, sealing rings of nitrile rubber, oil and gasoline-resistant.

041601 Tight coupling size 25=D-DS 1" IG, LM, PN 16, DIN 14306

041622 Tight coupling size 52=C 2" IG, LM, PN 16, DIN 14307

041652 Tight coupling size 75=B 2,5" IG, LM, PN 16, DIN 14308

041661 Tight coupling A-DS 110 mm 4,5" IG, LM, PN 16, DIN 14309

041576 Tight coupling size Storz C 52, LM, 2" IG

PN 10, casted. Weight: approx. 0,25 kg

041577 Tight coupling size Storz C 52, LM, 2" AG

PN 10, casted. Weight: approx. 0,21 kg

041578 Tight coupling size Storz B 75, LM, 3" IG

PN 10, casted. Weight: approx. 0,425 kg

041579 Tight coupling size Storz A 110, LM, 4" IG

Weight: approx. 1 kg



041622



041652



041661



041576

Adaptors acc. to DIN

with sealing rings of nitrile rubber, oil and gasoline resistant.

042001 Adaptor size C/D, LM, PN 16, DIN 14341

Weight: approx. 0,32 kg

042011 Adaptor size B/C, LM, PN 16, DIN 14342

Weight: approx. 0,62 kg

042021 Adaptor size A/B, LM, PN 16, DIN 14343

Weight: approx. 1,51 kg



041577



041578



041579



042001



042011



042021





042013 Adaptor size A/B, MS, PN 10, cast

Weight: approx. 3,72 kg

Blank caps of light metal with chain

041701 Blank cap size 25=D-DS, LM, PN 16, DIN 14310

With chain, sealing rings of nitrile rubber, oil and fuel resistant. Weight: approx. 0,09 kg

041711 Blank cap size 52=C-DS, LM, PN 16, DIN 14311

Without chain, sealing rings of nitrile rubber, oil and gasoline resistant. Weight: approx. 0,32 kg

041721 Blank cap size 75=B-DS, LM, PN 16, DIN 14312

Without chain, sealing rings of nitrile rubber, oil and gasoline resistant. Weight: approx. 0,5 kg

041580 Blank cap size Storz C, LM

With chain. Weight: approx. 0,34 kg

041581 Blank cap size Storz B 75, LM

With chain. Weight: approx. 0,515 kg

041582 Blank cap size Storz A 110, LM

With chain. Weight: approx. 1,3 kg

Dividers acc. to DIN of light metal

042111 Divider, ball cock size C/DCD, LM, PN 16, DIN 14345

Dim. (LxWxH): approx. 225x260x160 mm, weight: approx. 2,1 kg

042103 Divider, ball cock size B/CBC, LM, PN 16, DIN 14345

Incl. adaptor B/C, DIN 14342, with chain. Dim. (LxWxH): approx. 350x350x235 mm, weight: approx. 7 kg

044058 Divider, ball cock size BB/CBC, LM, PN 16, DIN 14345

with ball valves and clapper meeting the requirements of siamese A-BB DIN 14355 and divider with ball valve DIN 14345, of light metal. Weight: approx. 8,1 kg

042104 Divider, valve size B/CBC, LM, PN 16, DIN 14345

Incl. adaptor B/C, DIN 14342, with screw down valves. Weight: approx. 5,9 kg

042183 Pressure relief valve, DIN 14380

Light metal, piston-controlled and with automatic draining, thus non-freezing. With two swivel size B couplings DIN 14303 for inlet and outlet and one size B tight coupling DIN 14308 for drain of the excess liquid. With flush screw for cleaning of soiled pilot holes during operation. Luminous pressure gauge (0 - 25 bar) with integrated desired value setting. Adjusting range 2 - 16 bar. Hinged bracket. Dim. (LxWxH): approx. 225x200x195 mm, weight: approx. 5,25 kg



042013



041701



041711



041721



041580



041581



041582



042111



042103



044058



042104



042183



042441



042442

Hose shut-off, light metal

042441 Hose shut-off size C, LM, PN 16

Duct DN 30, on both sides with tight couplings Storz C 52.
Dim. (LxWxH): approx. 160x98x155 mm, weight: approx. 1,3 kg

042442 Hose shut-off size B, LM, PN 16

Orifice DN 40, on both sides with tight couplings Storz B 75.
Dim. (LxWxH): approx. 165x126x185 mm, weight: approx. 2,6 kg



042731



042506

Branchpipe holder

042731 Branchpipe holder B, PN 16, DIN 14368

Facilitates considerably holding of the B branchpipe, since the largest part of the reaction pressure is led to the ground via the hose line. Elbow 50°. At the inlet with B tight coupling DIN 14308, at the outlet with turnable B tappet piece DIN 14303. Dim. (WxHxD): approx. 375x215x126 mm, weight: approx. 1,8 kg

Multi-purpose branchpipes acc. to DIN 14365

042506 Multi-purpose branchpipe DM, Storz D, PN 16, DIN 14365

Standard design with housing, control device, tube, nozzle and mouth piece of light metal. Tube with insulation against cold. Weight: approx. 0,6 kg

042503 Multi-purpose branchpipe DM, Storz D, PN 16, DIN 14365

Normal type. However, pipe section, nozzle and mouth piece of polyamide. Dim. (WxHxD): approx. 300x105x55 mm, weight: approx. 0,55 kg



042503



042541

042541 Multi-purpose branchpipe CM, Storz C, PN 16, DIN 14365

Normal type with housing, control device, tube, nozzle and mouth piece of light metal. Tube with insulation against cold. Dim. (WxHxD): approx. 450x98x165 mm, weight: approx. 1,38 kg

042537 Multi-purpose branchpipe CMM, Storz C, PN 16, DIN 14365

Completely of light metal, with protective shower. Dim. (WxHxD): approx. 450x98x165 mm, weight: approx. 1,88 kg



042537



042538

042538 Multi-purpose branchpipe CM VSP, Storz C, PN 16, DIN 14365

Complete with light metal, with full jet lock. Dim. (WxHxD): approx. 450x98x165 mm, weight: approx. 1,4 kg

042536 Multi-purpose branchpipe CM Storz C, PN 16, DIN 14365

Standard design, but tube, nozzle and mouthpiece of polyamide. Weight: approx. 1,25 kg



042536



042539

042539 Multi-purpose branchpipe CMM VSP, Storz C, PN 16, DIN 14365

Complete with light metal, with full jet lock and protective shower. Dim. (WxHxD): approx. 450x98x165 mm, weight: approx. 1,89 kg

042575 Multi-purpose branchpipe BM, Storz B, PN 16, DIN 14365

Normal type with housing, control device, tube, nozzle and mouth piece of light metal. Tube with insulation against cold. Dim. (WxHxD): approx. 500x126x190 mm, weight: approx. 2,3 kg



042575



**042576 Multi-purpose branchpipe BMM, Storz B, PN 16, DIN 14365**

Completely of light metal, with protective shower. Dim. (WxHxD): approx. 500x126x190 mm, weight: approx. 2,68 kg

042577 Multi-purpose branchpipe BM VSP, Storz B, PN 16, DIN 14365

Completely of light metal, with full jet lock. Dim. (WxHxD): approx. 500x126x190 mm, weight: approx. 2,3 kg

042578 Multi-purpose branchpipe BMM VSP, Storz B, PN 16, DIN 14365

Completely of light metal, with full jet lock and protective shower. Dim. (WxHxD): approx. 500x126x190 mm, weight: approx. 2,7 kg



042576



042577



042578



057040

Fognail**057040 Fog-nail-Set complete in transport box**

At fire fighting by Fog-nail it is not necessary to open doors or windows or to break open the roof. Thus, unwanted supply of oxygen will be prevented. Extinguishing the fire is done effectively since the dispersed fog will be sprayed in the hottest part of the fire source. Set consisting of:

- 1 ea. Fog-nail wide spray nail
- 2 ea. Fog-nail wide spray nail each with ball cock VA and Storz D coupling
- 1 ea. Fog-nail special hammer
- 1 ea. Fog-nail light divider C/DDD
- 1 ea. transport aluminium box.

Nails from precision turned rustproof stainless steel. Solid tips which can be safely driven through doors and roofs. In the inside of the nails a special channel system provides necessary building up of pressure. Thanks to ultra-exact nozzles in the tip of the nails the water is extremely fine atomized. The nozzles are mounted that they cannot be damaged when the nail is beaten in. Dim. (LxWxH): approx. 670x350x140 mm, weight: approx. 13,9 kg



057041



057042

057041 Fog-nail wide spray nail

The nozzles are positioned ahead so that a wide range fog jet is produced. Maximum working pressure: 20 bar. Water consumption: 70 l/min at 6 bar pressure. Length approx. 550 mm, weight: approx. 1,1 kg

057042 Fog-nail wide spray nail

With ball cock and D coupling. Two fine nozzle rings in exact opposite position provide extra-strong atomizing directed laterally to the outside. Maximum working pressure: 20 bar, water consumption: 70 l/min at 6 bar pressure, length approx. 550 mm, weight: approx. 1,1 kg



056809



056810



056905



056916



056892



057086



042608

■ Nozzles Akron Brass

Multiple gallonage nozzles TURBOJET and ASSAULT Light fog and full jet pipes of Pyrolite. Infinite adjustment from full jet to super spray jet (110°). Excellent jet forming even at small pressure (3,5 bar). Solid, rubber-type stirrup-shaped handle for „OPEN“ and „SHUT“ switch position. Low maintenance thanks to simple and solid design. The following nozzles are also available in the types „break apart“ (switch-off unit can be screwed off the nozzle) with and without pistol grip. Pistol grips and shut-offs are available in the colours blue, orange, green, red, yellow, white, grey, pink and black (standard). 10 years warranty!

Multiple gallonage nozzles Turbojet with accessories acc. to DIN EN 15182-2

056809 Multiple gallonage nozzle Turbojet type 1702 with C coupling

Acc. to standard NFPA 1964 and DIN EN 15182-2. Of special light metal alloy Pyrolite. Flow rate adjustable to 50, 100, 150 or 230 l/min at 6 bar. Water jet infinitely adjustable from full jet via spray jet to super spray jet. Flush adjustment for flushing out dirt particles. With ball switch unit, pistol handle and C tight coupling. Nozzle head with visible and sensible full jet marking. Switching handle and pistol handle of impact-proof hard rubber composite. 10 years warranty! Dim. (LxWxH): approx. 250x105x260 mm, weight: approx. 1,8 kg

056810 Multiple gallonage nozzle Turbojet type 1720

Like art. no. 056809, however, flow rate adjustable to 110, 220, 350 or 460 l/m at 6 bar. Dim. (LxWxH): approx. 240x105x260 mm, weight: approx. 2,3 kg

1" Turbojet multiple gallonage nozzles

056905 Multiple gallonage nozzle Turbojet type 1702

Acc. to standard NFPA 1964. Of Pyrolite special light metal alloy. Flow rate adjustable to 45, 90, 140 or 220 l/min at 6 bar. Infinitely adjustable water jet from full jet via spray jet to super spray jet. Flush adjustment for flushing out dirt particles. With ball control unit, pistol handle and BSF thread 1", nozzle head with visible and sensible full jet marking. Switch handle and pistol handle of impact-proof hard rubber composite. 10 years warranty! Dim. (LxWxH): approx. 250x105x260 mm, weight: approx. 1,8 kg

056916 Multiple gallonage nozzle Turbojet type 1704, type B

Like art. no. 056905, however, flow rate adjustable to 45, 85 and 110 l/min at 6 bar. Dim. (LxWxH): approx. 230x105x260 mm, weight: approx. 1,8 kg

056892 Multiple gallonage nozzle Turbojet type 1703

adjustable flow rates 50, 100, 150 or 230 l/min at 6 bar. Can be used in connection with a high pressure shut-off unit up to 40 bar. Dim. (LxH): approx. 140x55 mm, weight: approx. 1 kg

057086 Multiple gallonage nozzle Turbojet type 1711

adjustable flow rates 50, 90 or 115 l/min at 7 bar. Can be used in connection with a high pressure shut-off unit up to 40 bar. Dim. (LxH): approx. 140x55 mm, weight: approx. 1 kg

042608 Turbojet high pressure pistol type 753/1703

Of special light alloy Pyrolite. Consisting of a high pressure pistol handle "Trigger switch-off unit" type 753 and turbojet nozzle type 1703. Finest droplets by turbo spinning wheel even at low pressure. The droplets leave the nozzle with a lower speed as is the case when using conventional high pressure pistols. Higher extinguishing effect through longer period of dwell on the fire. Small recoil due to slower discharge of the jet from the easily operated pistol branchpipe. Adjustment of flow rate from 50, 100 or 150 l/min at 7 bar during operation. Max. flow 230 l/min at 48 bar. Adjustable full jet to super spray jet. Connection R 1" internal thread. Length: approx. 400 mm, weight: approx. 3,2 kg



Accessories

056771 Low expansion foam tube type 755

For multiple gallonage nozzles and high pressure pistols art. nos. 056845, 056809, 056892, 056905, 056916 and 05708. Can be easily fixed by clamp. Foaming up to 1:14. Length: approx. 290 mm, weight: approx. 0,52 kg

056831 Branchpipe holder for multiple gallonage nozzle

Connecting elbow, on both sides with 1 1/2" external thread, with size C tight coupling at the short end. The elbow is anodised and provided with a shrunk-on hose as insulation against coldness. Length: approx. 380 mm, weight: approx. 0,9 kg

1 1/2" Turbojet multiple gallonage nozzles

056830 Multiple gallonage nozzle Turbojet type 1720

Like art. no. 056810, however dim. (LxWxH): approx. 340x270x260 mm, weight: approx. 3 kg

057106 Turbojet nozzle type 1714

Of Pyrolite. Flow rate adjustable to 110, 220, 350 or 460 l/min at 6 bar. With C coupling. Inlet 1,5". Dim. (LxWxH): approx. 165x105x150 mm, weight: approx. 4 kg

056893 Shut-off unit with pistol handle 1,5" type 2127

with turnable coupling Storz C 52. Dim. (LxH): approx. 125x260 mm, weight: approx. 2,4 kg

056780 Low expansion foam tube type 766

For Turbojet multiple-gallonage nozzles art. nos. 056810 and 056830. Foaming up to 1:14. Length: approx. 425 mm, weight: approx. 1,1 kg

Wide range multiple gallonage nozzles Turbojet

056917 Multiple gallonage nozzle Turbojet WIDE RANGE

Of Pyrolite. Flow rate adjustable to 105, 330, 440, 520 or 700 l/min at 6 bar. With pistol handle and C coupling. Length: approx. 280 mm, weight: approx. 2,6 kg

056867 Multiple gallonage nozzle Turbojet type 1725

Without branchpipe holder. Flow rates 475/550/750/950 l/min, inlet 2 1/2" internal thread, of Pyrolite, acc. to standard NFPA 1964.



056771



056831



056830



057106



056893



056780



056917



056867



056870



057105



056845



057099



057103



056894



057107



056865

Multi-purpose nozzle Saberjet

056870 Saberjet multi-purpose nozzle style 1520

of Pyrolite. The first truly multi-purpose nozzle with high throw, e.g. for high rise, high penetration, high gallonage at low pressure as well as with CAFS capability. The nozzle features solid bore tip and fog. The fog causes a cooling and ventilation effect. The nozzle is also suitable for use with foam. The solid bore tip and the fog can be used simultaneously or individually. To be used at pressures of 3,5 bar onwards. Flow 170 - 600 l/min (solid bore tip 1/2"). With flushing capability. With ball shut-off, pistol grip and size C coupling of impact resistant hard rubber. Three sizes of solid bore tips are available. Length: approx. 270 mm, weight: approx. 2,7 kg

057105 Multi-purpose branchpipe Saberjet type 1523

Like art. no. 056870, however, flow rate from approx. 360 - 750 l/min (solid bore tip 1/2"). With ball switch unit, pistol handle and B tight coupling of impact-proof hard rubber composite. Length: approx. 280 mm, weight: approx. 3 kg

Multiple gallonage nozzles Assault

056845 Multiple gallonage nozzle Assault type 4802

According to standard NFPA 1964. Of special light alloy Pyrolite. Pre-selected flow rates (45, 90 or 140 l/min at 6 bar) readable from the baffle plate. Inlet 1". For normal and high pressure use (40 bar). With C tight coupling. Dim. (LxWxH): approx. 227x102x120 mm, weight: approx. 1,45 kg

056834 Multiple gallonage nozzle Assault type 4820

Lightweight nozzle of Pyrolite for fog and straight stream. Infinite adjustment of pattern from straight stream to powerful fog cone (110°). Excellent pattern even at low pressure (3,5 bar). Solid rubberlike handle for "open" and "close". Low maintenance due to rugged and simple design. Preset flows (210, 330, 440, 520 or 620 l/min at 6 bar). Inlet 1,5". With size C coupling. Dim. (LxWxH): approx. 340x270x120 mm, weight: approx. 2,5 kg

057099 Multiple gallonage nozzle Midrange Assault type 4863

Preselected flow rates (520, 620 or 700 l/min at 6 bar), readable on baffle plate. With B tight coupling. Length: approx. 250 mm, weight: approx. 2,2 kg

CAFS and other branchpipes

057103 Multiple gallonage nozzle for D hose type 1700

Of Pyrolite. Full jet-spray jet, shut-off and gallonage via swivel. Flow rate adjustable to 60 or 115 l/min at 7 bar. Length: approx. 190 mm, weight: approx. 0,85 kg

056894 Shut-off unit with pistol grip 1" type 2116

057107 Full jet mouth piece 7/8 type 1499

Of Pyrolite, inlet 1,5", I.D. 7/8". Excellent for ejecting dry foam in connection with shut-off unit with pistol grip art. no. 056894.

056865 Branchpipe C for CAFS use with 3 mouthpieces

Of Pyrolite. For use with water and foam, particularly for CAFS. Three different plug-type mouthpieces with diameters from 25 mm to 38 mm provide an individual adjustment to the flow rate. Length: approx. 340 mm, weight: approx. 1,5 kg



Foam/water monitors Akron Brass

Akron foam/water monitors of Pyrolite feature compact dimensions, easy mounting and small weight at high stability and large performance.

Foam/water turret Mercury

056902 Water turret Mercury type 3443, without nozzle

This quick-intervention turret is very compact, quickly set-up and works independently. Of special light alloy Pyrolite, with additional Akro-Tec coating for long durability. High stability thanks to spikes of hard metal on the foldable mount arms. Additional lock-off facilities by safety belt and hook. Output up to 1900 l/min at 7 bar, lockable by means of Tork-Lok. Vertical travel adjustable from +30° up to +60°, at manual pressure up to +20°. Horizontal rotation +/-20°. Ergonomic handle for maximum mobility. Good visibility thanks to reflective stripes at the turret outlet. Various nozzles can be used. Inlet with size B connection, outlet 2,5" external thread. Dim. folded (LxWxH): approx. 368x197x229 mm, dim. erected (LxWxH): approx. 368x597x229 mm, weight (without nozzle): approx. 6,35 kg



056902



056903



056904



057108

Multiple gallonage nozzles and accessories

056903 Multiple gallonage nozzle Mercury type 4445

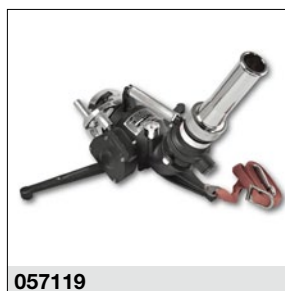
Of Pyrolite, flow rate approx. 1900 l/min at 7 bar, inlet 2,5". Length: approx. 180 mm, weight: approx. 2 kg

056904 Multiple gallonage nozzle Mercury type 4447

Of Pyrolite, flow rate adjustable to 950, 1400 or 1900 l/min at 7 bar, inlet 2,5". Length: approx. 180 mm, weight: approx. 2 kg

057108 Low expansion foam tube type 3621

Of Pyrolite. For water turrets with 2,5" inlet. The tube can be fixed easily by bracket on the multiple gallonage nozzle. Foaming up to 1:10.



057119



057122

Foam/water turret Mercury Master 1000

057119 Water turret Mercury Master 1000 type 3446, without nozzle

Quickest water turret with minimum weight in the performance class up to 4000 l/min. Rapid mounting, high stability and high performance. Made of Pyrolite (special light alloy), with additional Akro-Tec lining for long durability. High stability due to hard metal pins at the foldable mount arms. Additional securing thanks to safety belt and hook. Output: up to 3800 l/min at 7 bar, with manometer, lockable by Tork-Lok. Vertical raising adjustable from +30° up to +60°. Horizontal swivellability +/-20°. Ergonomic handle for maximum mobility. Good visibility thanks to reflective stripes at the turret outlet. Various nozzles can be used. Inlet with B connection, outlet 2,5" external thread. Dim. folded (LxWxH): approx. 541x318x247 mm, dim. erected (LxWxH): approx. 541x635x247 mm, weight (without nozzle): approx. 10,8 kg

057122 Multiple gallonage nozzle Mercury Master type 5147

Of Pyrolite, adjustable flow rates approx. 1140, 1900, 3030 and 3800 l/min at 7 bar. Inlet 2,5". Length: approx. 236 mm, weight: approx. 4 kg



056837



056850



056911



056886



056753



056866



056761



056807

Oscillating water turrets and accessories

056837 Water and foam turret Ozzie type 911, without nozzle

Acc. to standard NFPA 1964. Oscillating, water-driven turret of Pyrolite, without nozzle. Flow rate adjustable up to 1400 l/min. Oscillation range: Horizontal rotation: 60°. Vertical travel: +35° up to +90°. 40 oscillations per minute. With B Storz coupling (inlet 75 mm), pressure gauge and carrying handle. Throw 950 l/min at 7 bar: full jet approx. 58 m. Fog spray jet at 90°. Spray angle: approx. 5 m, dim. (LxWxH): approx. 602x488x338 mm, weight: approx. 15 kg

056850 Assault multiple gallonage nozzle type 4824

According to NFPA 1964. For water and foam turrets Ozzie type 911. Flow rate up to 1350 l/min at 7 bar.

056911 Multiple gallonage nozzle Assault type 4827

Acc. to standard NFPA 1964. Of Pyrolite. For water and foam turret Ozzie Type 911. With rotary cut-off. Flow rate up to 1350 l/min at 7 bar.

056886 Multiple gallonage nozzle Turbojet type 1767

Of Pyrolite, flow adjustable to 115, 360, 475, 550 or 750 l/min at 7 bar. With additional cut-off ring, connection 1,5" internal thread.

056753 Water and foam turret Ozzie type 922, without nozzle

Oscillating water driven turret without nozzle. Flow rate adjustable until max. 2900 l/min. Oscillating range: horizontally 50°, vertically 45 - 90°. 40 oscillations per minute. With 2x B Storz tight coupling (delivery inlet 75 mm), pressure gauge. Throws 2900 l/min at 7 bar: full jet approx. 67 m. Fog spray jet at 90°, spraying angle approx. 5 m. Can be used as roof turret with up to 3800 l/min (with another nozzle). Dim. (WxHxD): approx. 602x488x338 mm, weight: approx. 15 kg

056866 Multiple gallonage nozzle Turbojet type 1727

Of Pyrolite, size 2 1/2", flow rate adjustable to 475, 550, 750 or 950 l/min at 7 bar. Inlet 1 1/2" internal thread. Acc. to standard NFPA 1964.

Foam/water turret Apollo and accessories

056761 Turret Apollo 3423 without pipe, with removable base

For use on the ground and on a vehicle (roof). With removable base. Compact, rugged and lightweight. Low water ducts increase the stability. Made of the special light alloy Pyrolite. Output up to 3030 l/min or 4800 l/min. The ground base with 5 legs with each one ground spike and additional safety chain is easily removable. Horizontally turnable with fixing brake. Vertical travel from +90° to +35° by means of a hand wheel. If the safety stop is removed vertical travel to -15° at reduced pressure. With mounted carrying handle, 2 B coupling connections with non-return valves, standard pressure gauge. Weight: approx. 22,3 kg

056807 Portable turret Apollo type 3423

With wide angle pipe. Compact and light-weight rugged design. Of the special light alloy Pyrolite. High stability thanks to low water duct. Output up to 4800 l/min at 7 bar, easily removable base with three rigid and two laterally swivelling mount arms with spikes and additional safety chain. Horizontally turnable by fixing brake, vertically swivelling by hand wheel from +80° up to +35°. If the safety stop is removed vertical travel to -15° at reduced pressure. With mounted carrying handle. With four stage mouthpiece 2", 1 3/4", 1 1/2" and 1 3/8" dia., exchangeable against a multiple gallonage nozzle. With 2 B coupling connections with non-return valves and standard pressure gauge. Weight: approx. 25 kg



056856 Wide-range nozzle, 4-stage, for Apollo

Of Pyrolite, incl. stabilizing tube.

056835 Multiple gallonage nozzle Turbojet Excel 1000

Type 1747. Of Pyrolite. Flow rate adjustable to 1140, 1900, 3030 or 3800 l/min. Connection 2 1/2" internal thread. Length: approx. 220 mm, weight: approx. 3,5 kg

056891 Multiple gallonage nozzle Turbomaster Master Stream

Type 1745. Of Pyrolite. Flow rate adjustable to 950, 1525, 2100 or 2900 l/min. With turbo wheel and all advantages of the Turbojet nozzles. Connection 2 1/2" internal thread. Length: approx. 228 mm, weight: approx. 4,5 kg

056795 Foam pipe with self-inducting proportioner

Of Pyrolite, with threaded connection 2 1/2" internal thread. Fitting with water turret Apollo. Foam output: 8000 - 10000 l/min at a foaming of 8 - 10times and a pressure of 8 bar. Throw: approx. 35 m. Suction hose approx. 1,4 m. Dim. (LxDia.): approx. 1250x90 mm, weight: approx. 3,87 kg

057102 Foam nozzle MASTER STREAM type 3625

Of special light alloy Pyrolite. Flow rate: 1900 l/min, foaming rate: up to 12:1, inlet: 2,5", length: approx. 730 mm, weight: approx. 2,8 kg



Other fitting accessories

Hydrant keys

044931 Hydrant key, DIN 3223

For operating the spindle at the underground hydrant and slide as well as for opening of the street cap. Dim. (LxWxH): approx. 1100x420x50 mm, weight: approx. 5,4 kg

044929 ZIEGLER hydrant key extension 87 cm

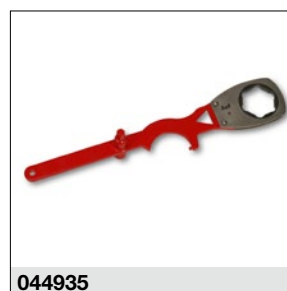
Extends the hydrant key DIN 3223 quickly to a hydrant key for pit hydrants Württemberg. Weight: approx. 4,2 kg

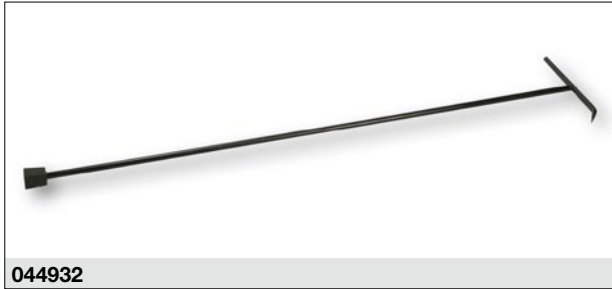
044935 Pillar hydrant key with ratchet

For pillar hydrants type B, with ratchet. Box spanner SW 70. Weight: approx. 2,4 kg

044922 Actuating key B, DIN 3223

For operation of pillar hydrants DIN 3221, DN 50, DN 80 and 100, PN 10 + 16. Actuation of spindle, penstock locking screw, suction connection as well as cover. Dim. (LxWxH): approx. 605x110x110 mm, weight: approx. 2,2 kg





044932 Hydrant key for pit hydrants Württemberg

For operating the spindle at the underground hydrant and slide as well as for opening of the street cap. Dim. (LxWxH): approx. 1970x520x50 mm, weight: approx. 8,5 kg

Coupling wrenches



044913 Coupling wrench size ABC, DIN 14822

Galvanized. With protection against cold at the handle. Weight: approx. 0,5 kg



044914 Coupling wrench size BC, DIN 14822

Galvanized. With protection against cold at the handle. Weight: approx. 0,3 kg



044908 Coupling wrench 125-135-150

From annealed cast iron. Dim. (LxWxH): approx. 470x113x16 mm, weight: approx. 1,2 kg



044951 Pit hook with chain galvanized

Length of chain: approx. 700 mm, weight: approx. 0,6 kg

Pit cover lifting hooks



044952 Pit cover lifting hook

For heavy pit covers, steel. Black painted. Dim.: approx. 470 mm long, handle 160 mm, hook 90 mm, weight: approx. 1,2 kg



044953 ZIEGLER mini lifting hook for slides and pit covers

Of galvanized steel. Length folded: 180 mm. Dim. unfolded (LxWxH): approx. 180x280x60 mm, weight: approx. 0,6 kg



032804 Hose kinking protector for B and C hoses

Of light metal. With ear. Weight: approx. 0,9 kg





Turbo nozzles/branchpipes

Multiple gallonage nozzles acc. to DIN EN 15182-2

042587 Turbo nozzle 2000 type 2130 D, DIN 14367, AWG

Adjustment of the flow rates by swivel, opening and shutting via bow-type handle. Adjustable flow rates: 40, 80 or 130 l/min. Spray jet: angle adjustable 0° up to approx. 120°. Two pointers to sense of the adjusted flow rate and type of jet. With flash over position and D Storz coupling. Dim. (LxWxH): approx. 265x82x230 mm, weight: approx. 1,5 kg



042587



042592

042592 Turbo nozzle 2000 type 2130 C, AWG

Like art. no. 042587, however, with Storz C coupling. Dim. (LxWxH): approx. 265x98x230 mm, weight: approx. 1,6 kg



057109



042594

057109 Foam attachment for Turbo nozzle 2000 type 2130

Can be used for all current multi-function and film forming foams. Foaming rate between 0 and 20-times can be achieved, dependent on full jet or spray jet adjustment of the turbo nozzle. Simple plug and lock mechanism. Dia.: approx. 124 mm, length: approx. 260 mm, weight: approx. 1,35 kg

042594 Turbo nozzle 2000 type 2235 C, AWG

Adjustment of the flow rates by swivel, opening and shutting via bow-type handle. Adjustable flow rates: 60, 130 or 235 l/min. Spray jet: angle adjustable 0° up to approx. 120°. Two pointers to sense the adjusted flow rate and type of jet. With flash over position and C Storz coupling. Dim. (LxWxH): approx. 290x115x245 mm, weight: approx. 2,5 kg



042589



042596

042589 Turbo nozzle 2000 type 2235 C, AWG

Type Mönchengladbach, like art. no. 042592, however, without pistol grip. Dim. (LxWxH): approx. 290x115x142 mm, weight: approx. 2,3 kg

042596 Turbo nozzle 2000 type 2235 B, DIN 14367, AWG

Like art. no. 042594, however, with Storz B coupling. Dim. (LxWxH): approx. 320x126x245 mm, weight: approx. 2,6 kg



042595



042597

042595 Turbo nozzle 2000 Type 2400 C, DIN 14367, AWG

Adjustable flows: 130, 235 or 400 l/m. Dim. (LxWxH): approx. 290x115x245 mm, weight: approx. 2,5 kg

042597 Turbo nozzle 2000 type 2400 B, DIN 14367, AWG

Like art. no. 042595, however, with Storz B coupling. Dim. (LxWxH): approx. 320x126x245 mm, weight: approx. 2,6 kg

056899 Foam adaptor for Turbo nozzles 2000 type 2235/2300/2400

Suitable for type 2235, 2300 and 2400. Can be used for all customary film forming and multi-range foams. Foaming can be achieved between 0 to 20-times dependent on full jet or spray jet adjustment of the Turbo nozzle. Quick and safe use thanks to easy plug and lock mechanism. Dim. (LxW): approx. 285x136 mm, weight: approx. 1,5 kg



056899



042586

042586 Turbo nozzle 2000 Type 2750 B, AWG

Adjustment of the flow rates by swivel, opening and shutting via bow-type handle. Adjustable flow rates: 360, 550 or 750 l/min. Spray jet: angle adjustable 0° up to approx. 120°. Two pointers for touching of the adjusted flow rate and type of jet. With flash over position and B Storz coupling. Dim. (LxWxH): approx. 380x126x245 mm, weight: approx. 3,6 kg



042588



042603



042598



042533



057110



057111



057112



057113



057093



057095

042588 Turbo nozzle 2000 type 2950 B, DIN 14367, AWG

Adjustment of the flow rates by swivel, opening and shutting via bow-type handle. Adjustable flow rates: 550, 750 or 950 l/min. Spray jet: angle adjustable 0° up to approx. 120°. Two pointers to sense the adjusted flow rate and type of jet. With flash over position and B Storz coupling. Dim. (LxWxH): approx. 380x126x245 mm, weight: approx. 3,6 kg

042603 Turbo nozzle 95-C, AWG

Thanks to the switch lever the flow rates are adjustable from 115, 210 and 375 l/min. This corresponds to 9, 12 and 16 mm at the customary branchpipe. Flushing possible without interruption. Type of jet adjustable from full jet to 120° spray jet. Type with C coupling. Dim. (LxWxH): approx. 340x130x250 mm, weight: approx. 2,7 kg

042598 Turbo nozzle 95-B, AWG

Like art. no. 042603, however, with Storz B coupling. Dim. (LxWxH): approx. 340x130x250 mm, weight: approx. 2,7 kg

042533 Pistol branchpipe C-SA, AWG

For rapid intervention for dosed delivery as full jet or spray jet branchpipe. A change-over unit at the water outlet provides change-over from full jet to 90° spray jet. Water flow: full jet: 75 l/min, spray jet: 115 l/min. Connection Storz C. Dim. (LxWxH): approx. 450x98x235 mm, weight: approx. 2 kg

Turbo Twist

Spring-loaded and self-arresting bayonet catch provides quick change of the extinguishing top.

057110 Shut-off unit Turbo Twist TT C, basic module, AWG

At the inlet with rotary coupling, at the outlet with the new Turbo Twist interface catching safely in the spring-loaded and self-arresting bayonet catch (combination aluminium/stainless steel) at the interchangeable tops and which cannot be detached anymore under pressure. Dim. (LxWxH): approx. 200x111x272 mm, weight: approx. 1,76 kg

057111 Shut-off unit Turbo Twist TT B, basic module, AWG

At the inlet with rotary coupling, at the outlet with the new Turbo Twist interface catching safely in the spring-loaded and self-arresting bayonet catch (combination aluminium/stainless steel) at the interchangeable tops and which cannot be detached anymore under pressure. Dim. (LxWxH): approx. 230x126x272 mm, weight: approx. 1,86 kg

Multiple gallonage nozzles TT

057112 Multiple gallonage nozzle Turbo Twist T 2235 TT, AWG

Adjustable spray jet from 0° up to 120°. Flow rate at 6 bar: 60/130/235 l/min, with pointers. Acc. to DIN 14367. Dim. (LxDia.): approx. 180x92 mm, weight: approx. 1,24 kg

057113 Multiple gallonage nozzle Turbo Twist T 2400 TT, AWG

Adjustable spray jet from 0° up to 120°. Flow rate at 6 bar: 130/235/400 l/min, with pointers. Acc. to DIN 14367. Dim. (LxDia.): approx. 187x92 mm, weight: approx. 1,24 kg

057093 Multiple gallonage nozzle Turbo Twist T 2750 TT, AWG

Adjustable spray jet from 0° up to 120°. Flow rate at 6 bar: 360/550/750 l/min, with pointers. Acc. to DIN 14367. Dim. (LxDia.): approx. 235x113 mm, weight: approx. 2,1 kg

057095 Piercing nozzle TT, AWG

The attachment for penetrating the wall or to be ready for action at other spots difficult to access behind doors, in intermediate floors and walls as well as piercing. Impact tip for penetrating of holes dia. up to 40 mm and up to a depth of 60 mm. Dim. of attachment (LxW): approx. 1090x40 mm, dim. impact tip (LxW): approx. 208x205x40 mm, weight: approx. 5,6 kg

Other TT-products on request!



High-pressure pistols and special nozzles

042601 High pressure pistol 1 PN 40, AWG

Infinite adjustment from variable spray jet to full jet with intermediate position flat jet by turning at the handle. Automatic soft and impact-proof closing of the installed hydraulic closing damper. Box nut at the inlet also turnable under pressure. Water supply approx. 150 l/min at 40 bar. Throw full jet 28 m, throw spray jet 15 m. Dim. (LxWxH): approx. 480x50x300 mm, weight: approx. 2,3 kg



042601



042604

042604 Foam adaptor for high pressure pistol HDP 1, AWG

The coupling part provides quick connection with the high pressure pistol by bayonet lock. For the foam agent proportioning the high pressure proportioners can be used. A minimum pressure of 25 bar in front of the high pressure proportioner is required to achieve good foam quality. Dim. (LxWxH): approx. 380x80x80 mm, weight: approx. 0,8 kg

056880 CAFS branchpipe C-D 25, AWG

Special branchpipe for CAFS-systems. With swivelling size C coupling running in ball bearings. Mouthpiece dia. 25 mm. Dim. (LxWxH): approx. 332x245x115 mm, weight: approx. 2 kg. PLEASE NOTE: Due to the recoil forces physically too high if only water is used the branchpipe can be only used in connection with CAFS-system (water supply at 5 bar: 785 l/min)!



056880



042610

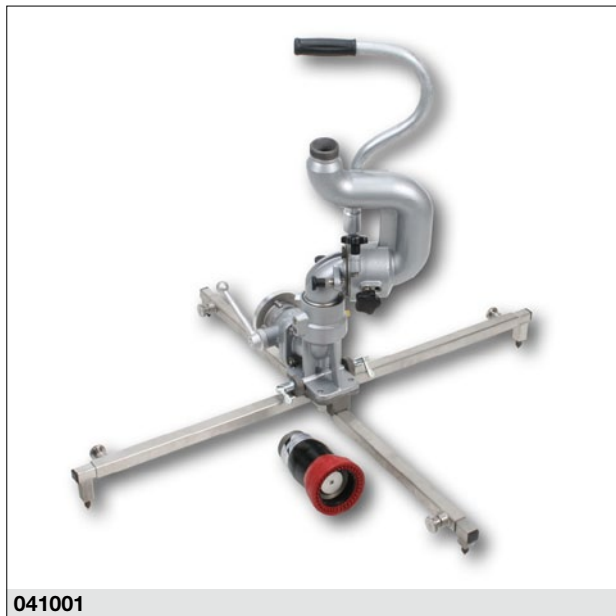
042610 High-pressure CAFS pistol HPC

Provides production of compressed air foam (CAFS extinguishing foam) without compressor or compressed air cylinders. A high-pressure pump supplies the HPC pistol via the quick-intervention line with a water/foam mixture. The extinguishing media water/foam gets into the HPC pistol where a transformation of energy occurs. Before discharge a homogeneous CAFS extinguishing agent will be produced. The extinguishing media delivers in the pistol a part of its energy. At this action air will be aspirated and compressed. Advantages:

- the compressed air preparation is made in the pistol (no compressor is necessary)
- homogeneous foam bubble structure, thus extraordinary extinguishing effect
- small buckling risk of the hose since only water-foam mixture will be supplied
- saving of weight in comparison with conventional CAFS-units
- infinite adjustment of spray jet and full jet
- immediately ready for action, i.e. CAFS extinguishing foam will be delivered immediately.

Technical data:

- Flow rate: 120 l/min at 30 bar
- Dim. (LxWxH): approx. 486x78x227 mm
- Weight: approx. 3,42 kg



041001

Portable foam/water monitors

041001 Small monitor HH 1260, AWG

with ground base, rotating 360°. Flow: 1200 l/min at 8 bar, dim. of monitor: approx. 780x305x245 mm, dim. of ground base: approx. 1190x155x140 mm, incl. multi-purpose nozzle MZ 1200, weight: approx. 21,8 kg

041002 Foam tube for water monitor HH 1260, AWG

Self-priming with incorporated proportioner and regulating valve 2 - 6 % foaming agent proportioning. Water consumption: approx. 1100 l/min at 8 bar, foam quantity: approx. 6500 l/min with 5 % protein foaming agent and 15000 l/min with 3 % multi-range foaming agent. Throw of foam: 40 m at 8 bar. Total length: approx. 1190 mm, weight: approx. 4,5 kg

041003 Roof flange for small monitor HH 1260, AWG

Of aluminium alloy, anodised. Dim. (LxWxH): approx. 170x170x45 mm, weight: approx. 1,4 kg

057087 Monitor "Turbo-Fighter", AWG

Portable small monitor for mobile use. Flow rate max. 2000 l/min, with Storz B coupling. Incl. multi-purpose nozzle MZ 2000. Swivel angle vertical: +20° up to +60°, swivel angle horizontal: +/- 40°, dim. (LxWxH): approx. 440x230x375 mm (transport position with nozzle), weight: approx. 9,035 kg incl. nozzle



041002



041003

056796 Water ring monitor, AWG

Inlet 2x B tight coupling DIN 14308 and additionally 1 B blank cap DIN 14312. Max. flow rate: approx. 1400 l/min, throw at nozzle dia. 30 mm and 8 bar: approx. 52 m, swivel range: horizontally 360°, vertically +30° up to +90°, ring body: dia. approx. 420 mm, ring height: approx. 150 mm, total height: approx. 470 mm, dim. (LxWxH): approx. 880x425x470 mm, weight: approx. 18 kg

056801 Automatic TFT nozzle*

Infinitely variable spray pattern from full stream to wide fog, automatic pressure control of water flow 190 l/min at 5 bar to 1500 l/min at 8 bar. Throw up to 60 m.



057087



056796



* without illustration

**Foam equipment fittings****Medium expansion foam branchpipes acc. to DIN 14366****056788 Medium expansion foam branchpipe M2**

Connection Storz C. With manometer, shut-off and C tight coupling. Output: 200 l/min at 5 bar. Dim. (LxWxH): approx. 545x250x205 mm, weight: approx. 4,3 kg

056784 Medium expansion foam branchpipe M4

Connection Storz B. With manometer, shut-off and B tight coupling. Output: 400 l/min at 5 bar. Dim. (LxWxH): approx. 630x305x270 mm, weight: approx. 5,6 kg

056794 Medium expansion foam branchpipe with shut-off cock M8*

With manometer, shut-off and B tight coupling. Output: 800 l/min at 5 bar, throw: approx. 11 m, length: approx. 790 mm, largest dia.: approx. 300 mm, weight: approx. 6,8 kg



056788



056784



056723



056728

Medium expansion foam pistol and accessories**056723 Medium expansion foam pistol M 0.4**

With screwed on foaming agent tank of 2 l, throw: approx. 3 - 5 m. To get efficient foam between 2 and 5 bar flow pressure are required at the foam pipe intake. A customary water hose can be used as water connection. Foaming: approx. 45 - 50 times foaming. This results in approx. 3,5 m³ foam per tank filling. Duration of throw at 2 l foam: approx. 2 min. With C coupling. Dim. (LxWxH): approx. 505x120x323 mm, weight: approx. 1,8 kg

056728 Foaming agent tank M 0.4

(Replacement) for medium expansion foam pistol M 0.4, empty. Volume 2 l, with lid. Weight: approx. 1 kg



056786



056787

Low expansion foam branchpipes acc. to DIN 14366**056786 Low expansion foam branchpipe S2, connection Storz C, AWG**

Acc. to DIN 14366, T 1, with nozzle, shut-off cock of stainless steel and C coupling. Output: 200 l/min at 5 bar. Dim. (LxWxH): approx. 748x98x184 mm, weight: approx. 2,7 kg

056787 Low expansion foam branchpipe S4, connection Storz B, AWG

Acc. to DIN 14366, T 1, with nozzle, shut-off cock of stainless steel and B coupling. Output: 400 l/min at 5 bar. Dim. (LxWxH): approx. 866x85x174 mm, weight: approx. 4,5 kg



056720



056721

Combination foam pipes acc. to DIN 14366**056720 Combination foam pipe KR-S/M2 with coupling size C**

Switchable low expansion foam/medium expansion foam. Mixture output: 200 l/min, incl. shut-off cock and Storz C coupling. Throw: low expansion foam: approx. 23 m, medium expansion foam: approx. 7 m, dim. (LxW): approx. 750x280 mm, weight: approx. 7 kg

056721 Combination foam pipe S2/M2 with coupling size C

Switchable low expansion foam/medium expansion foam. Mixture output: 200 l/min, with shut-off cock and Storz C tight coupling. Working pressure: 5 bar, throw: low expansion foam: approx. 16 m, medium expansion foam: approx. 7 m, dim. (LxWxH): approx. 610x250x205 mm, weight: approx. 6 kg



056725



056744



056745



056755



031271



031273



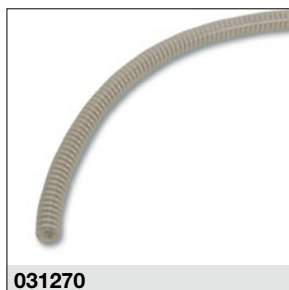
021027



021053



021054



031270

056725 Combination foam pipe S4/M4 with coupling size B

Switchable low expansion foam/medium expansion foam. Mixture output: 400 l/min, with shut-off cock and Storz B tight coupling. Working pressure: 5 bar, throw: low expansion foam: approx. 27 m, medium expansion foam: approx. 8 m, dim. (LxWxH): approx. 665x305x270 mm, weight: approx. 7,5 kg

Proportioners L acc. to DIN 14384

056744 Proportioner L Z2R, on both sides with C coupling, AWG

Self-priming, acc. to DIN 14384, for 200 l/min water flow at 5 bar, proportioning adjustable 0 - 6 %. On both sides with C coupling. Dim. (LxWxH): approx. 356x135x152 mm, weight: approx. 2,2 kg

056745 Proportioner L Z4R, on both sides with B coupling, AWG

Self-priming, acc. to DIN 14384, for 400 l/min water flow at 5 bar. Proportioning adjustable 0 - 6 %. On both sides with B coupling. Dim. (LxWxH): approx. 362x135x152 mm, weight: approx. 2,3 kg

056746 Proportioner L Z8R, on both sides with C coupling, AWG*

Self-priming, acc. to DIN 14384, for 800 l/min water flow at 5 bar, proportioning adjustable 0 - 6 %. On both sides with C coupling. Dim. (LxWxH): approx. 356x141x152 mm, weight: approx. 2,6 kg

Dosage adaptor for Z 2 and Z 4

056755 Dosage adaptor Z-Select for wetting agent proportioning

As accessories for all customary Z2 and Z4 proportioners acc. to DIN 14384. Connection Storz 2x D. Adjustable proportioning rates 0,1 %, 0,5 % and 1 %. Integrated non-return valve. Dim. (LxDia.): approx. 142x64 mm, weight: approx. 0,7 kg

Suction hose acc. to DIN 14819

031271 Suction hose for extinguishing agent additives, ins. width 19 mm

Transparent plastic hose with plastic spiral, one end with size D coupling. Length: approx. 1,5 m, 19 mm inside dia, weight: approx. 0,55 kg

031273 Suction hose for extinguishing agent additives, ins. width 19 mm

Like art. no. 031271, however, on both sides with D-coupling. Weight: approx. 0,64 kg

Transfer pump for foaming agent and accessories

021027 Electric transfer pump for foaming agent

Submersible pump. External dia. 40 mm. Submersion depth 1000 mm. Of polypropylene. For foaming agent and other non-combustible liquids like acids and bases. Powered by a 230 V electric engine with 0,45 kW output. Protective switch, splash-proof acc. to IP 24, completely with 5 m mains cable and two-pole plug as well as on/off switch. Output: max. 180 l/min, delivery height: max. 7,5 m WS, weight: approx. 4 kg

021053 Filling nozzle with trigger 3/4"

For filling.

021054 Suspension attachment for pump

031270 PVC hose 3/4"



Foreign fittings

Nozzles

042566 Turbo nozzle 2235 BS 336, inlet 1 1/2" male
Connection British Standard BS 336, flow rate adjustments 60/130/235 l/min at 6 bar.



042563 Turbo nozzle 2750 BS 336, inlet 2 1/2" male
Connection British Standard BS 336, flow rate adjustments 360/550/750 l/min at 6 bar.

042581 Branchpipe C multi-purpose, British Standard
With tight coupling Morris 1 1/2" male of light metal.



042565 Multi-purpose branchpipe CMM-2" BSS 336, 1 1/2" male
British Standard, with sprinkler head. Weight: approx. 1,8 kg

042582 Branchpipe B multi-purpose, British Standard
With tight coupling Morris 2 1/2" male of light metal.

222532 Low expansion foam branchpipe with shut-off cock S4
BSS 2 1/2" male.



Dividers

042162 Divider with ball cock BS 336, 2 1/2"/2x 1 1/2"
Inlet 2 1/2" male, outlet 2x 1 1/2" female. Weight: approx. 2,45 kg

042161 Divider with globe valve BSS 336, 2 1/2"/2x 2 1/2"
Inlet 2 1/2" male, outlet 2x 2 1/2" female. Weight: approx. 3,6 kg

042105 Divider B/CBC screw valves, British Standard
With screw down valves, inlet Morris 2 1/2" male, outlet Morris 1 1/2" - 2 1/2"-1 1/2" female. Light metal.



Adaptors

042062 Adaptor Instantaneous and BSRT, 2 1/2"/1 1/2" male
Nominal size 2 1/2" male, 1 1/2" male, connection system BSRT.

042063 Adaptor Instantaneous and BSRT, 2 1/2"/2 1/2" female*
Nominal size 2 1/2" female, 1 1/2" female, connection system BSRT.

042064 Adaptor Instantaneous and BSRT, 2 1/2"/2 1/2" male
Nominal size 2 1/2" male, 2 1/2" male, connection system BSRT.

042065 Adaptor Instantaneous and BSRT, 4" female/2 1/2" male
Nominal size 4" female, 2 1/2" male, connection system BSRT.





042066



041694



041649



041700



042202



042221



042220



042323



042350



042726

042066 Adaptor Instantaneous and BSRT, 5" female/2 1/2" male
Nominal size 5" female, 2 1/2" male, connection system BSRT.

Tight coupling and blank cap

041694 Tight coupling Instantaneous male, 1 1/2" /G 2"
Weight: approx. 0,185 kg

041649 Tight coupling 1 1/2" R2" IG, LM
Weight: approx. 0, 285 kg

041700 Blank cap Instantaneous 1 1/2" male
Weight: approx. 0,11 kg

042202 Collective breeching with non-return valve
2x 2,5" male to 4" BSRT female. Weight: approx. 3 kg

042221 Collective breeching with non-return valve
3x 2 1/2" male/BSRT 5". Weight: approx. 6,9 kg

042220 Collective breeching with non-return valve
3x 2 1/2" male/BSRT 5 1/2". Connection system BSRT.

Suction strainers

042323 Suction strainer A, LM, British Standard
Suction strainer 4", light metal, with 4" BSRT.

042350 Suction strainer nom. size 125, outlet thread BSRT 5" female
With non-return valve and draining unit. Weight: approx. 8,2 kg

042726 Branchpipe holder LM, British Standard
Inlet Morris 2 1/2" male, outlet 2 1/2" female.



**Spare parts, fittings**

041124 Gasket set for pressure relief valves from date of construction 1989

042100 Handle for divider G 1/4 x 100

Unit 3 pcs.

042524 Sealing ring ball-type tap for branchpipes CM and CMM

From year of construction 1991. Dim. (LxWxH): approx. 49x50,5x30,5 mm

042704 Flat sealing ring for ball cock plug for branchpipes C*

For models before 1991. 37x54x3 mm.

042705 Flat sealing ring for ball cock plugs for branchpipes B*

43x60x4 mm.

042706 Flat sealing ring for ball cock plug for branchpipes D

26x9,4x3,5 mm.

042711 Mouthpiece of polyamide for branchpipes size C, 9 mm*

Bore 9 mm, with R 1" internal thread.

042713 Mouthpiece of LM for branchpipe size CM, 9 mm

For CM branchpipe C-G 1, bore 12x9 mm.

042714 Mouthpiece of LM for branchpipes size B, 16 mm*

Bore 16 mm, with R 1 1/2" internal thread.

042716 Mouthpiece of polyamide for branchpipes size D, 4 mm

Bore 4 mm, with R 3/4" internal thread.

042718 Gasket set complete for high pressure pistol art. no. 042601

042719 Gasket set complete for multi-purpose branchpipe size DM

Make AWG.

042720 Gasket set complete for multi-purpose branchpipe size CM*

Make AWG.

042721 Gasket set complete for multi-purpose branchpipe size BM*

Make AWG.

042722 Ball valve LM compl. with handle for MP-branchpipe C*

042723 Ball cock plug for MP-branchpipe size D

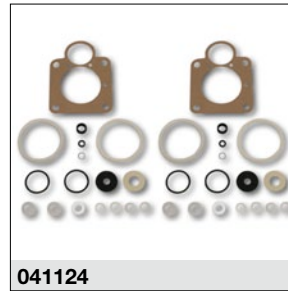
Incl. vortex source.

042724 Ball cock plug for MP-branchpipe size C*

Incl. vortex source.

042725 Ball cock plug for MP-branchpipe size B*

Incl. vortex source.



041124



042100



042524



042706



042713



042716



042718



042719



042723



042727



042729



042732



042733



042734



042735



042736



042737



044741



044742



044744



044745

042727 Threaded nipple of LM, for branchpipes size C

042728 Threaded nipple of LM, for branchpipes size B*

042729 Ball valve LM, complete with handle for MP-branchpipe D

042730 Ball valve LM, complete with handle for MP-branchpipe B*

042732 Gasket set for divider B/CBC with screw-down valves
Complete.

042733 Gasket set for divider B/CBC with ball cocks
Complete.

042734 Gasket set for collective breeching A-2B

042735 Gasket set for valve upper part, C connection 2"

042736 Gasket set for valve upper part, B connection 2 1/2"

042737 Inlet strainer for suction strainer size A

044741 Bonnet for B connection

with valve disk, spindle and hand wheel. With 2 1/2" male thread.
Weight: approx. 0,6 kg

044742 Valve upper part for C connection with R 2" AG

With valve disk, spindle and hand wheel. Weight: approx. 0,5 kg

044744 Hand wheel of LM, size C and B

With square 11 mm, for connection size C and B.

044745 Valve disk of rubber size C

044746 Valve disk of rubber size B*





045111 Blocking ring size D, DIN 14301

Of stainless spring steel.

045112 Blocking ring size C, DIN 14302*

Of stainless spring steel.

045113 Blocking ring size B, DIN 14303*

Of stainless spring steel.

045114 Blocking ring size A, DIN 14323*

Of stainless spring steel.

045134 Sealing ring for suction or delivery couplings size D-DS

DIN 14301. Of perbunan.

045135 Sealing ring for delivery couplings size C

DIN 14302. Of perbunan, mineral oil resistant.

045136 Sealing ring for delivery couplings size B

DIN 14303. Of perbunan, mineral oil resistant.

045154 Sealing ring for suction coupling size C, DIN 14321

Of perbunan, mineral oil resistant.

045155 Sealing ring for suction coupling size B, DIN 14322*

Of perbunan, mineral oil resistant.

045156 Sealing ring for suction coupling size A, DIN 14323*

Of perbunan, mineral oil resistant.

045170 Sealing ring of rubber for standpipe base DN 70/80

DIN 14375.

045173 Sealing ring of rubber for standpipe base DN 50/50

Type Württemberg.

045212 Retaining ring remover system ZIEGLER

Weight: approx. 0,2 kg



045111



045134



045135



045136



045154



045170



045173



045212



056614



056619



056618



042505



056617



056769



056768



042611



056817



056852



062113



062112

Equipment for fire fighting

Bucket pumps acc. to DIN 14405

056614 Bucket pump B 10, DIN 14405

With 10 l bucket. Red painted. Lid with snap closure and handle, double-action pump with 3/4" threaded connection and 1 m of rubber hose 1/2" with mouthpiece. Weight: approx. 6,5 kg

056619 Bucket pump A 10, DIN 14405, with accessories

10 l bucket. Red painted. Lid with snap closure, handle and hose bag. With double-action pump, size D tight coupling, size D delivery hose 5 m long and with branchpipe DK DIN 14405. Weight: approx. 8 kg

056618 Bucket pump A10 without accessories

For fire-fighting vehicles. Without hose and branchpipe. 10 l bucket, red painted, lid with snap closure, handle and hose bag. With double-action pump, size D tight coupling. Weight: approx. 6,2 kg

042505 Branchpipe DK, DIN 14405, for bucket pump

Of light metal. Bore 3,5 mm, with size D tight coupling, DIN 14308. Length: approx. 120 mm, weight: approx. 0,15 kg

Stirrup pump ES DIN 14407

056617 Bucket pump ES, DIN 14407

Handpump of brass, with suction bend and T-handle. With 5 m of plastic hose 1/2" with mouthpiece and adjustable base. Weight: approx. 3 kg

Water shields

056769 Water shield size C

Water output approx. 1100 l/min at 8 bar, approx. 8 m throw height and approx. 27 m throw width. Dim. (LxWxH): approx. 240x210x120 mm, weight: approx. 1,1 kg

056768 Water shield size B

Water output approx. 1400 l/min at 5 bar, approx. 1700 l/min - 1800 l/min at 8 bar, approx. 10 m throw height and approx. 31 m throw width. Dim. (LxWxH): approx. 240x260x135 mm, weight: approx. 1,5 kg

042611 Piercing applicator, PN 16

Designed to combat all kinds of smouldering fires. The cylindrical shaft with steel point and handle on the upper part is driven into the smouldering material. The water jets through 12 holes at the end of the applicator cover an area of 360°. With size C coupling for connection to the hose line. Shut-off by ball valve DN 30. Length: approx. 1600 mm, weight: approx. 7 kg

056817 Bucket 13 l, of steel plate

Round, galvanized. Weight: approx. 1,2 kg

056852 Foldable bucket 10 l, with carrying strap

Material: 100 % nylon, lined. Height: approx. 260 mm, dia.: approx. 210 mm

062113 Fire beater respect. forest fire beater with stick

Of 10 fan-shaped spring steel bands, 465 mm wide. The wooden stick can be exchanged by a quick-acting wing bolt. Weight: approx. 1,5 kg

062112 Fire beater respect. forest fire beater without stick

Of 10 fan-shaped spring steel bands, 465 mm wide. Weight: approx. 1,4 kg

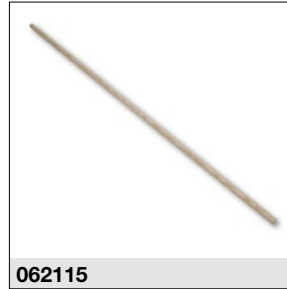


062115 Spare stick for fire beater

Length: approx. 2 m, dia. 28 mm

020501 Hydrant emptying pump of brass

Double-action pump, with foot rest of steel. With 2 m of rubber suction hose 1/2" and 0,3 m of delivery hose. Weight: approx. 2,4 kg



062115



020501

■ Foaming agents

Synthetic multi-range foaming agent STHAMEX

STHAMEX multi purpose foaming agents are based on hydrocarbon surfactants, stabilizers and antifreezing compounds.

Advantages of the synthetic multi purpose foaming agents:

- Do not include any perfluorinated and polyfluorinated chemicals, thus they are 100 % biodegradable.
- Are used as low, medium and high expansion foam with any customary foam units and appliances against fires of fire class A and small-area fire class B.
- Can be also applied to cover liquids where small amounts of gas can escape or to suppress hazardous emissions.
- For fires of fire class A, e.g. cotton, wood or coal use as surfactant with reduced proportioning rates is recommended.
- Neither the use of sea water or brackish water for foam generation nor the use of treated industrial water has any negative influence on the excellent extinguishing properties.

Multi-range foaming agent STHAMEX F-6 acc. to DIN EN 2

057190 Multi-range foaming agent STHAMEX F-6, 3 %, 20 kg*

Frost resistance: up to -6 °C. Proportioning: approx. 3 Vol. %. 20 kg in plastic drum (yellow) DIN 14452. Approval no. SP 108/94 acc. to DIN EN 2.

057191 Multi-range foaming agent STHAMEX F-6, 3 %, 60 kg*

Frost resistance: up to -6 °C. Proportioning: approx. 3 Vol. %. 60 kg in plastic can. Approval no. SP 108/94 acc. to DIN EN 2.

057192 Multi-range foaming agent STHAMEX F-6, 3 %, 210 kg*

Frost resistance: up to -6 °C. Proportioning: approx. 3 Vol. %. 210 kg in plastic drum. Approval no. SP 108/94 acc. to DIN EN 2.

057193 Multi-range foaming agent STHAMEX F-6, 3 %, 1020 kg*

Frost resistance: up to -6 °C. Proportioning: approx. 3 Vol. %. 1020 kg in rentable container. Approval no. SP 108/94 acc. to DIN EN 2.



056727

Multi-range foaming agent STHAMEX F-15 acc. to DIN EN 1568

056727 Multi-range foaming agent STHAMEX F-15, 3 %, 20 kg

Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 20 kg in DIN can (yellow), DIN 14452. EN-Approval no. SP 13/2000 acc. to DIN EN 1568.

056708 Multi-range foaming agent STHAMEX F-15, 3 %, 60 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 60 kg in plastic can. EN-Approval no. SP 13/2000 acc. to DIN EN 1568.

056703 Multi-range foaming agent STHAMEX F-15, 3 %, 210 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 210 kg in PE barrel. EN-Approval no. SP 13/2000 acc. to DIN EN 1568.

056717 Multi-range foaming agent STHAMEX F-15, 3 %, 1040 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 1040 kg in rentable container. EN-Approval no. SP 13/2000 acc. to DIN EN 1568.

Multi-range foaming agent STHAMEX F-20 acc. to DIN EN 2

057206 Multi-range foaming agent STHAMEX F-20, 3 %, 20 kg*

Frost resistance: up to -20 °C. Proportioning: approx. 3 Vol. %. 20 kg in plastic can (yellow) DIN 14452. Approval no. SP 83/95 acc. to DIN EN 2.

057207 Multi-range foaming agent STHAMEX F-20, 3 %, 60 kg*

Frost resistance: up to -20 °C. Proportioning: approx. 3 Vol. %. 210 kg in plastic drum. Approval no. SP 83/95 acc. to DIN EN 2.

057208 Multi-range foaming agent STHAMEX F-20, 3 %, 210 kg*

Frost resistance: up to -20 °C. Proportioning: approx. 3 Vol. %. 210 kg in PE barrel. Approval no. SP 83/95 acc. to DIN EN 2.

057209 Multi-range foaming agent STHAMEX F-20, 3 %, 1040 kg*

Frost resistance: up to -20 °C. Proportioning: approx. 3 Vol. %. 1040 kg in rentable container. Approval no. SP 83/95 acc. to DIN EN 2.

Synthetic foaming agent concentrate STHAMEX

Is the highly concentrated type of the proven synthetic multi purpose foam extinguishing agent. Additionally to the advantages of the multi purpose foaming extinguishing agent this foaming agent concentrate features:

- Smaller proportioning rates than at synthetic multi purpose foam extinguishing agent,
- allows production of larger foam volumes,
- lower stock-keeping.

Foaming agent concentrate acc. to DIN EN 1568

057210 Foaming agent concentrate STHAMEX K, 1 %, 20 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 1 Vol. %. 20 kg in plastic can (yellow) DIN 14452. EN-Approval no. SP 15/2000 acc. to DIN EN 1568.



057211 Foaming agent concentrate STHAMEX K, 1 %, 60 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 1 Vol. %. 60 kg in plastic can. EN-Approval no. SP 15/2000 acc. to DIN EN 1568.

057212 Foaming agent concentrate STHAMEX K, 1 %, 210 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 1 Vol. %. 210 kg in plastic drum. EN-Approval no. SP 15/2000 acc. to DIN EN 1568.

057213 Foaming agent concentrate STHAMEX K, 1 %, 1040 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 1 Vol. %. 1040 kg in rentable container. EN-Approval no. SP 15/2000 acc. to DIN EN 1568.

Class-A foaming agent acc. to DIN EN 1568

056694 Foaming agent STHAMEX Class-A, 20 kg

For fire class A and B. Manufactured based on synthetic tensides, suitable for production of low expansion, medium expansion and light expansion foam. Proportioning: from 0,1 % up to 1,0 %. Density at 20 °C: approx. 1000 g/ml. Frost resistance: up to -15 °C. Foaming rate: low expansion foam >8 l/kg, medium expansion foam >90 l/kg, light expansion foam >500 l/kg. 20 kg in plastic can (yellow) DIN 14462. Please note: for the use special proportioners are required providing a proportioning below 1 %. EN Approval no. SP 12/03 acc. to DIN EN 1568.

056695 Foaming agent STHAMEX Class-A, 60 kg*

For fire class A and B. Manufactured based on synthetic tensides, suitable for production of low expansion, medium expansion and light expansion foam. Proportioning: from 0,1 % up to 1,0 %. Density at 20 °C: approx. 1000 g/ml. Frost resistance: up to -15 °C. Foaming rate: low expansion foam >8 l/kg, medium expansion foam >90 l/kg, light expansion foam >500 l/kg. 60 kg in plastic can. Please note: for the use special proportioners are required providing a proportioning below 1 %. EN Approval no. SP 12/03 acc. to DIN EN 1568.

056696 Foaming agent STHAMEX Class A, 210 kg*

For fire class A and B. Manufactured based on synthetic tensides, suitable for production of low expansion, medium expansion and light expansion foam. Proportioning: from 0,1 % up to 1,0 %. Density at 20 °C: approx. 1000 g/ml. Frost resistance: up to -15 °C. Foaming rate: low expansion foam >8 l/kg, medium expansion foam >90 l/kg, light expansion foam >500 l/kg. 210 kg in plastic drum. Please note: for the use special proportioners are required providing a proportioning below 1 %. EN Approval no. SP 12/03 acc. to DIN EN 1568.

056693 Foaming agent STHAMEX Class A, 1040 kg*

For fire class A and B. Manufactured based on synthetic tensides, suitable for production of low expansion, medium expansion and light expansion foam. Proportioning: from 0,1 % up to 1,0 %. Density at 20 °C: approx. 1000 g/ml. Frost resistance: up to -15 °C. Foaming rate: low expansion foam >8 l/kg, medium expansion foam >90 l/kg, light expansion foam >500 l/kg. 1040 kg in rentable container. Please note: for the use special proportioners are required providing a proportioning below 1 %. EN Approval no. SP 12/03 acc. to DIN EN 1568.



056694

Aqueous film forming foaming agent STHAMEX AFFF (= Aqueous Film Forming Foam)

Based on surface-active agents, fluorine components (free from PFOS), foam stabilizers and antifreezing compounds.

Thanks to the interaction of foam and aqueous film forming short extinguishing time, excellent foam density, large throws as well as the oil-repellent (oleophobic) properties are achieved. Thus, suitable for large-scale fires.

AFFF foaming agent acc. to DIN EN 1568

057194 Foaming agent STHAMEX AFFF 1 % F-15, 20 kg*

Aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -15 °C. Proportioning: 1 %. 20 kg in plastic can (yellow) DIN 14452. EN-Approval no. PL 13/05 acc. to DIN EN 1568.

057195 Foaming agent STHAMEX AFFF 1 % F-15, 60 kg*

Aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -15 °C. Proportioning: 1 %. 60 kg in plastic can. EN-Approval no. PL 13/05 acc. to DIN EN 1568.

057196 Foaming agent STHAMEX AFFF 1 % F-15, 210 kg*

Aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -15 °C. Proportioning: 1 %. 210 kg in plastic drum. EN-Approval no. PL 13/05 acc. to DIN EN 1568.

057197 Foaming agent STHAMEX AFFF 1 % F-15, 1070 kg*

Aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -15 °C. Proportioning: 1 %. 1070 kg in rentable container. EN-Approval no. PL 13/05 acc. to DIN EN 1568.

AFFF foaming agent DIN EN 1568

057214 Foaming agent STHAMEX AFFF 3 % 469 F-15, 20 kg*

Aqueous film forming foaming agent. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 20 kg in plastic can (yellow) DIN 14452. Approval no. PL 02/03 acc. to DIN EN 1568.

057215 Foaming agent STHAMEX AFFF 3 % 469 F-15, 60 kg*

Aqueous film forming foaming agent. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 60 kg in plastic can. EN-Approval no. PL 02/03 acc. to DIN EN 1568.

057216 Foaming agent STHAMEX AFFF 3 % 469 F-15, 210 kg*

Aqueous film forming foaming agent. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 210 kg in plastic drum. EN-Approval no. PL 02/03 acc. to DIN EN 1568.

057217 Foaming agent STHAMEX AFFF 3 % 469 F-15, 1050 kg*

Aqueous film forming foaming agent. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 1050 kg in rentable container. EN-Approval no. PL 02/03 acc. to DIN EN 1568.



**AFFF foaming agent acc. to DIN EN 2****056697 Foaming agent STHAMEX AFFF 3 %, 20 kg***

Aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -18 °C. Proportioning: 3 %. 20 kg in plastic can (yellow) DIN 14452. Approval no. PL 5/98 acc. to DIN EN 2.

056698 Foaming agent STHAMEX AFFF 3 %, 60 kg*

Aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -18 °C. Proportioning: 3 %. 60 kg in plastic can. Approval no. PL 5/98 acc. to DIN EN 2.

056699 Foaming agent STHAMEX AFFF 3 %, 210 kg*

Aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -18 °C. Proportioning: 3 %. 210 kg in PE barrel. Approval no. PL 5/98 acc. to DIN EN 2.

056692 Foaming agent STHAMEX AFFF 3 %, 1050 kg*

Aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -18 °C. Proportioning: 3 %. 1050 kg in rentable container. Approval no. PL 5/98 acc. to DIN EN 2.

057198 Foaming agent STHAMEX AFFF 6 %, 20 kg*

Synthetic aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -10 °C. Proportioning: 6 %. 20 kg in plastic can (yellow) DIN 14452. Approval no. SP 109/94 acc. to DIN EN 2.

057199 Foaming agent STHAMEX AFFF 6 %, 60 kg*

Synthetic aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -10 °C. Proportioning: 6 %. 60 kg in plastic can. Approval no. SP 109/94 acc. to DIN EN 2.

057200 Foaming agent STHAMEX AFFF 6 %, 210 kg*

Synthetic aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -10 °C. Proportioning: 6 %. 210 kg in plastic drum. Approval no. SP 109/94 acc. to DIN EN 2.

057201 Foaming agent STHAMEX AFFF 6 %, 1050 kg*

Synthetic aqueous film forming foaming agent for fire class A + B. Frost resistance: up to -10 °C. Proportioning: 6 %. 1050 kg in rentable container. Approval no. SP 109/94 acc. to DIN EN 2.

AFFF foaming agent DIN EN 1568**056645 Foaming agent MOUSSOL-APS 3 %, 20 kg***

Alcohol resistant, AFFF foaming agent, frost resistance: up to -10 °C. Proportioning: uniform 3 Vol. %. 20 kg in plastic can (yellow) DIN 14452. Approval no. PL 13/02 acc. to DIN EN 1568.

056646 Foaming agent MOUSSOL-APS 3 %, 60 kg*

Alcohol resistant, AFFF foaming agent, frost resistance: up to -10 °C. Proportioning: uniform 3 Vol. %. 60 kg in plastic can. Approval no. PL 13/02 acc. to DIN EN 1568.

056647 Foaming agent MOUSSOL-APS 3 %, 210 kg*

Alcohol resistant, AFFF foaming agent, frost resistance: up to -10 °C. Proportioning: uniform 3 Vol. %. 210 kg in plastic drum. Approval no. PL 13/02 acc. to DIN EN 1568.

056648 Foaming agent MOUSSOL-APS, 3 %, 1050 kg*

Alcohol resistant, AFFF foaming agent, frost resistance: up to -10 °C. Proportioning: uniform 3 Vol. %. 1050 kg in rentable container. Approval no. PL 13/02 acc. to DIN EN 1568.

Aqueous film forming alcohol resistant foaming agents with polymer additive

With a high share of aqueous film forming fluorine tensides. Thanks to polymer additives alcohol-resistant (polymer film forming). They are versatile extinguishing agents and excellently suitable both for extinguishing of non-polar liquids non-mixable with water and for polar liquids mixable with water.

Advantages of the foam agent:

- Foaming of non-polar products (e.g. mineral oil products) and polar products (e.g. solvents like methanol, isopropanol, acetone) is possible,
- thanks to the high flowability of foam quick fighting of large-area fires is possible,
- foaming with drinking, river, sea and industrial water,
- at storage below 0 °C pump-supporting proportioning eventually is required.

Foaming agent MOUSSOL-APS acc. to DIN EN 1568**056701 Foaming agent MOUSSOL-APS F-15, 3 %, 20 kg***

Alcohol resistant. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 20 kg in plastic can (yellow) DIN 14452. EN-Approval no. PL-7/01 acc. to DIN EN 1568.

056700 Foaming agent MOUSSOL-APS F-15, 3 %, 60 kg*

Alcohol resistant. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 60 kg in plastic can. EN-Approval no. PL-7/01 acc. to DIN EN 1568.

056702 Foaming agent MOUSSOL-APS F-15, 3 %, 210 kg*

Alcohol resistant. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 210 kg in plastic drum. EN-Approval no. PL-7/01 acc. to DIN EN 1568.

056688 Foaming agent MOUSSOL-APS F-15, 3 %, 1050 kg*

Alcohol resistant. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 1050 kg in rentable container. EN-Approval no. PL-7/01 acc. to DIN EN 1568.

Aqueous film forming alcohol-resistant foaming agents without polymer additive

Low viscous, alcohol resistant foaming agents without polymer additive (thickener) can be universally used as low expansion foam and medium expansion foam on customary foam units and appliances. No pump-supporting proportioning up to the freezing point is required.

Foaming agent MOUSSOL-APS LV AFFF foaming agent acc. to DIN EN 1568**057202 Foaming agent MOUSSOL-APS LV 3/3, 20 kg***

Newly designed, alcohol resistant AFFF foam agent of low viscosity without polymer additive (thickener). Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 20 kg in plastic can (yellow) DIN 14452. Approval no. SP 29/06 acc. to DIN EN 1568.

057203 Foaming agent MOUSSOL-APS LV 3/3, 60 kg*

Newly designed, alcohol resistant AFFF foam agent of low viscosity without polymer additive (thickener). Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 60 kg in plastic can. Approval no. SP 29/06 acc. to DIN EN 1568.



057204 Foaming agent MOUSSOL-APS LV 3/3, 210 kg*

Newly designed, alcohol resistant AFFF foam agent of low viscosity without polymer additive (thickener). Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 210 kg in plastic drum. Approval no. SP 29/06 acc. to DIN EN 1568.

057205 Foaming agent MOUSSOL-APS LV 3/3, 1050 kg*

Newly designed, alcohol resistant AFFF foam agent of low viscosity without polymer additive (thickener). Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 1050 kg in rentable container. Approval no. SP 29/06 acc. to DIN EN 1568.

Foaming agent MOUSSOL APS LV

acc. to DIN EN 2

057218 Foaming agent MOUSSOL-APS LV 1/3, 20 kg*

Without polymer film forming agents, compulsory proportioning not necessary. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. % on polar, approx. 1 % on non-polar agents. 20 kg in plastic can (yellow) DIN 14452. Approval no. PL 8/01 acc. to DIN EN 2.

057219 Foaming agent MOUSSOL-APS LV 1/3, 60 kg*

Without polymer film forming agents, compulsory proportioning not necessary. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. % on polar, approx. 1 % on non-polar agents. 20 kg in plastic can (yellow) DIN 14452. Approval no. PL 8/01 acc. to DIN EN 2.

057220 Foaming agent MOUSSOL-APS LV 1/3, 210 kg*

Without polymer film forming agents, compulsory proportioning not necessary. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. % on polar, approx. 1 % on non-polar agents. 210 kg in plastic drum. Approval no. PL 8/01 acc. to DIN EN 2.

057221 Foaming agent MOUSSOL-APS LV 1/3, 1050 kg*

Without polymer film forming agents, compulsory proportioning not necessary. Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. % on polar, approx. 1 % on non-polar agents. 1050 kg in rentable container. Approval no. PL 8/01 acc. to DIN EN 2.

Foaming agent MOUSSOL-FF 3/6

acc. to DIN EN 1568, is an alcohol resistant, fluorine-free extinguishing foaming agent. It is based on special surface active agents, polymer film formers, co-tensides as well as foam stabilizers and antifreezing compounds which are partially made of re-growing raw materials.

Features:

- Frost resistance: -5/-15 °C
- 100 % bio-degradable
- Pseudoplastic viscosity
- Designed for universal use on unpolar, polar, foam destructive combustibles and their combustible products
- Excellent foaming, eminently suited for prevention of emissions of leaking chemicals

057226 Foaming agent MOUSSOL-FF 3/6, 20 kg*

Alcohol resistant, pseudo plastic extinguishing agent for the use at fires of polar and non-polar anti-foam materials, hydrocarbons and their mixed products. Proportioning rate 3 % in non-polar range, 6 % in polar range. Frost resistance up to -5 °C. 20 kg in DIN can. EN-Approval no. SP 32/08 aacc. to DIN EN 1568.

057227 Foaming agent MOUSSOL-FF 3/6, 60 kg*

Alcohol resistant, pseudo-plastic extinguishing agent for the use at fires of polar and non-polar anti-foam materials, hydrocarbons and their mixed products. Proportioning rate 3 % in non-polar range, 6 % in polar range. Frost resistance: up to -5 °C. 60 kg in plastic can. EN-Approval no. SP 32/08 acc. to DIN EN 1568.

057228 Foaming agent MOUSSOL-FF 3/6, 210 kg*

Alcohol resistant, pseudo-plastic extinguishing agent for the use at fires of polar and non-polar anti-foam materials, hydrocarbons and their mixed products. Proportioning rate 3 % in non-polar range, 6 % in polar range. Frost resistance: up to -5 °C. 210 kg in plastic drum. EN-Approval no. SP 32/08 acc. to DIN EN 1568.

057229 Foaming agent MOUSSOL-FF 3/6, 1050 kg*

Alcohol resistant, pseudo-plastic extinguishing agent for the use at fires of polar and non-polar anti-foam materials, hydrocarbons and their mixed products. Proportioning rate 3 % in non-polar range, 6 % in polar range. Frost resistance: up to -5 °C. 1050 kg in rentable container. EN-Approval no. SP 32/08 acc. to DIN EN 1568.

Protein foaming agent

acc. to DIN EN 1568, is based on natural proteins, foam stabilizers and antifreezing agents, excellently bio-degradable, sea-water resistant and approved as low expansion foaming agent.

056724 Protein foaming agent Foamousse 36 F-15 3 %, 23 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 23 kg in plastic can (yellow) DIN 14452. Approval no. SP 37/07 acc. to DIN EN 1568.

056684 Protein foaming agent Foamousse 36 F-15 3 %, 70 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 70 kg in plastic can. Approval no. SP 37/07 acc. to DIN EN 1568.

056709 Protein foaming agent Foamousse 36 F-15 3 %, 250 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 3 Vol. %. 250 kg in plastic drum. Approval no. SP 37/07 acc. to DIN EN 1568.

056656 Protein foaming agent Foamousse 43 F 5 - 6 %, 23 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 5 - 6 Vol. %. 23 kg in plastic can (yellow) DIN 14452. Approval no. SP 38/07 acc. to DIN EN 1568.

056657 Protein foaming agent Foamousse 43 F 5 - 6 %, 70 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 5 - 6 Vol. %. 70 kg in plastic can. Approval no. SP 38/07 acc. to DIN EN 1568.

056658 Protein foaming agent Foamousse 43 F 5 - 6 %, 250 kg*

Frost resistance: up to -15 °C. Proportioning: approx. 5 - 6 Vol. %. 250 kg in plastic drum. Approval no. SP 38/07 acc. to DIN EN 1568.





Training foaming agent

056630 Training foaming agent-U, 20 kg*

(No extinguishing effect), Sthamer, WGK 1. Can with 20 kg.

056631 Training foaming agent-U, 60 kg*

(No extinguishing effect), Sthamer, WGK 1. Can with 60 kg.

056632 Training foaming agent-U, 210 kg*

(No extinguishing effect), Sthamer, WGK 1. Plastic drum with 210 kg.

Foaming agent can

056775 Plastic can

DIN 14452, volume 20 l. Unbreakable, corrosionless, stackable. With screw lid and handle. Can be transported in vehicles. Not to be filled with flammable liquids. Dim. (LxWxH): approx. 350x370x190 mm, weight: approx. 1,3 kg (empty)

056767 Spare cover for DIN-foaming agent can, 20 kg*

056775

STHAMEX-ultraWet

Is a wetting agent based on synthetic, surface-active components. Used as extinguishing water additive the wetting effect of STHAMEX-ultraWet is considerably higher than conventional foam concentrates at the same concentration. The wetting solution penetrates the surface of materials which are difficult to wet quickly and thoroughly. The particularly low use concentration of only 0,1 % reduces the environmental impact.

Features:

- Extinguishes without foaming,
- highly efficient with minimal storage requirements,
- can be used as additive to the extinguishing water at fire class A with all customary branchpipes and multiple gallonage nozzles, water turrets (monitors), extinguishing backpacks or bucket pumps,
- especially for use with helicopter buckets (no foaming) or with fire-fighting planes at cellulose incendiaries difficult to wet of the recycling and waste industry, in coal industry, in power plants, paper, wood and chipboard industries,
- for use on grass, bush and forest fires as well as for wetting of brick work or at demolition works as well as dust suppression.

057231 Wetting agent STHAMEX-ultraWet, 20 kg***057232 Wetting agent STHAMEX-ultraWet, 60 kg*****057233 Wetting agent STHAMEX-ultraWet, 210 kg***

FireAde2000

The new environment-friendly technology in fire fighting. This new extinguishing agent is suitable for almost all fires, neutralizes hydrocarbons, is non-toxic and contains no PFOS- and PFOA-compounds. Numerous approvals prove the DIN-respectively EN-conformity as well as the environmental compatibility. The extinguishing additive can be admixed and supplied with standard fire fighting fittings. FireAde2000 unites unique extinguishing effect and low consumption with excellent environmental compatibility. The new extinguishing agent can be used for the fire class A, B, polar and non-polar liquids at proportioning rates of 0,5 up to 6 %.

Principle of operation:

1. Reduction of the surface tension of the water
2. Quick heat reduction
3. Interruption of the free radicals
4. Neutralization of the HC molecules



Advantages:

- Extinguishing agent for almost all fires
- High safety factor for the intervention crew
- Neutralizes hydrocarbons
- No PFOA- und PFOS-compounds
- Easily bio-degradable
- Excellent cooling effect
- Non-toxic
- Non-corrosive
- Mixing easily with water
- Duration: 15 years

057223 Extinguishing agent FireAde 2000, 20 l

057224 Extinguishing agent FireAde 2000, 60 l*

057225 Extinguishing agent FireAde 2000, 210 l*



