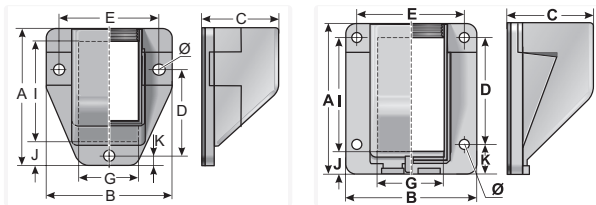




## Typ KFW



### Product information

The KFW bulkhead fittings are made of specially modified polyamide 6. The material is self-extinguishing, and halogen, phosphor and cadmium-free. Bulkhead fittings are available with a metric or Pg thread. The KFW bulkhead fittings with thread are used with both cable and conduit fittings.

The KFW bulkhead fittings feature the following advantages:

- System divided in two for very quick and easy installation of cables
- Subsequent installation of cables is simplified by removable upper part
- Gasket included in delivery

Specification:

- EN 45545-2 3x HL3
- NFPA 130: ASTM E 162, ASTM E 662

PU pcs.: 10

### Information, conformities and approvals



Article	Order No.	Color	UV	Internal thread	A mm	B mm	C mm	D mm	E mm	G mm	I mm	J mm	K mm	Ø mm
KFW-M16x1,5	83562450	Black	1	M16x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3
KFW-M20x1,5	83562452	Black	1	M20x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3
KFW-M25x1,5	83562454	Black	1	M25x1,5	69	65	44	41.5	51.5	30	42.5	15	6	6
KFW-M32x1,5	83562456	Black	1	M32x1,5	90	78	55	64.5	64.5	40	68	9	16	6.5
KFW-M40x1,5	83562458	Black	1	M40x1,5	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5
KFW-M50x1,5	83562460	Black	1	M50x1,5	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5
KFW-M16x1,5	83562410	Gray	0	M16x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3
KFW-M20x1,5	83562412	Gray	0	M20x1,5	49	47	35	29	37	22.5	27	11	4.5	4.3
KFW-M25x1,5	83562414	Gray	0	M25x1,5	69	65	44	41.5	51.5	30	42.5	15	6	6
KFW-M32x1,5	83562416	Gray	0	M32x1,5	90	78	55	64.5	64.5	40	68	9	16	6.5
KFW-M40x1,5	83562418	Gray	0	M40x1,5	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5



## Typ KFW

Article	Order No.	Color	UV	Internal thread	A mm	B mm	C mm	D mm	E mm	G mm	I mm	J mm	K mm	Ø mm
KFW-M50x1,5	83562420	Gray	0	M50x1,5	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5
KFW-11	83561650	Black	1	PG 11	49	47	35	29	37	22.5	27	11	4.5	4.3
KFW-16	83561652	Black	1	PG 16	49	47	35	29	37	22.5	27	11	4.5	4.3
KFW-21	83561654	Black	1	PG 21	69	65	44	41.5	51.5	30	42.5	15	6	6
KFW-29	83561656	Black	1	PG 29	90	78	55	64.5	64.5	40	68	9	16	6.5
KFW-36	83561658	Black	1	PG 36	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5
KFW-48	83561660	Black	1	PG 48	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5
KFW-11	83561610	Gray	0	PG 11	49	47	35	29	37	22.5	27	11	4.5	4.3
KFW-16	83561612	Gray	0	PG 16	49	47	35	29	37	22.5	27	11	4.5	4.3
KFW-21	83561614	Gray	0	PG 21	69	65	44	41.5	51.5	30	42.5	15	6	6
KFW-29	83561616	Gray	0	PG 29	90	78	55	64.5	64.5	40	68	9	16	6.5
KFW-36	83561618	Gray	0	PG 36	99	94	66	79.5	79.5	48.5	74.5	9.5	10	6.5
KFW-48	83561620	Gray	0	PG 48	116	101	76	87.5	87.5	68.5	89.5	9.5	16	6.5



## Typ KFW

### Material properties



mod. polyamide PA 6Neoprene (CR)

### Thermal properties



Temperature / temperature range -40 °C – 110 °C  
short termshort term: 140 °C

### Protection class



Protection class IP65

### Fire properties



Fire classification acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2 C.I.T. R22 / R23 HL3 ; LOI R22 / R23 HL3 ; Ds (max.) R22 / R23 HL3 : 0,58,  $\geq 32\%$ , 57 NF X 70-100-1/-2  
600°C (1112 °F), ISO 4589-2, ISO 5659-2 (25  $\kappa\text{BT}/\text{m}^2$ )



Fire properties as per NFPA ASTM E 162, ASTM E 1354, ASTM E 662, Boeing BSS 7239, Boeing BSS 7242, Bombardier SMP 800-C

### Chemical resistance



Resistant to: Alcohol, Greases, Fuels, Mineral oils

### Technical information



Halogen-free

### Conformity



RoHS (EC Directive 2011/65/EU)

### Approvals and operating permits



EU railway approval



cURus approval



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## Typ KFW

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### General information



Made in Germany

All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the products described. The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described. A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information. All information with respect to the chemical and physical properties of Murrplastik products, as well as application advice given verbally, in writing or by tests, is given to the best of our knowledge. They do not release the buyer from the obligation to carry out his own tests and trials in order to determine the concrete suitability of the products for the intended purpose. Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information. Murrplastik accepts no liability for damage caused as a result of using our products. Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services. Our General Terms and Conditions apply.