

Conduit Fitting: Sealing Compound (Resin) and Fiber



Flameproof Zone 1 & 2 – 21 & 22

Application

SCFR-MC62/W363 Sealing Compound

■ SCFR-MC62/W363 is certified for use in connection to the sealing fittings type DYS, DYK and/or DYD, therefore the sealing compound and the sealing fittings can be sold only coupled and never separately. The sealing must be done properly to prevent passage of gas, vapours or flames through the pipe system.

SCFR Ceramic Fiber

■ The Ceramic fiber is inserted into the sealing fittings to avoid that the resin runs into the pipe below.

Feature

The SCFR-MC62/W363 sealing compound is an exclusive product of Alloy's. Its chemical composition has been improved after many sealing tests, carried out with the cooperation of ATEX accredited testing laboratory.

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Standard	ATEX Directive 2014/34/EU, std. EN 60079-0:2012 + A11:2013, EN 60079-1:2014, EN 60079-14:2013	



SCFR-MC62 (Resin) and SCFR-W363 (Hardener)

SCFR Ceramic Fiber

Gram Required per Fitting

Fitting Cat. No.	Volume (cm ³)	Sealing Compound Weight (gram)	Sealing Compound Mix Ratio (by weight) 100:13		Fiber Weight (gram)
			SCFR-MC62 (Resin)	SCFR-W363 (Hardener)	
DYS 1	19.50	37.9 g.	33.5 g.	4.4 g.	1.0 g.
DYS 2	37.30	72.5 g.	64.2 g.	8.3 g.	2.0 g.
DYS 3	61.60	119.8 g.	106.0 g.	13.8 g.	3.2 g.
DYS 4	117.20	227.9 g.	201.7 g.	26.2 g.	6.1 g.
DYS 5	165.00	320.8 g.	283.9 g.	36.9 g.	8.6 g.
DYS 6	305.30	593.5 g.	525.2 g.	68.3 g.	16.0 g.
DYS 7	580.70	1128.8 g.	999.0 g.	129.8 g.	30.4 g.
DYS 8	1015.00	1973.2 g.	1746.3 g.	226.9 g.	53.2 g.
DYS 9	1903.40	3700.2 g.	3274.7 g.	425.5 g.	99.7 g.
DYS 10	1910.00	3713.0 g.	3286.0 g.	427.0 g.	100.0 g.
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DYK 1	25.30	49.2 g.	43.5 g.	5.7 g.	2.0 g.
DYK 2	35.90	69.8 g.	61.8 g.	8.0 g.	4.0 g.
DYK 3	43.20	84.0 g.	74.3 g.	9.7 g.	6.4 g.
DYK 4	115.90	358.6 g.	317.4 g.	41.2 g.	12.2 g.
DYK 5	163.70	318.2 g.	281.6 g.	36.6 g.	17.2 g.
DYK 6	255.20	496.1 g.	439.0 g.	57.1 g.	32.0 g.
DYK 7	394.10	766.1 g.	678.0 g.	88.1 g.	60.8 g.
DYK 8	697.70	1356.4 g.	1200.4 g.	156.0 g.	106.4 g.
DYK 9	1447.80	2814.5 g.	2490.8 g.	323.7 g.	199.4 g.
DYK 10	1627.60	3164.0 g.	2800.1 g.	363.9 g.	200.0 g.
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DYD 1	21.45	34.7 g.	30.7 g.	4.0 g.	1.0 g.
DYD 2	41.03	66.5 g.	58.9 g.	7.6 g.	2.0 g.
DYD 3	67.76	109.8 g.	97.2 g.	12.6 g.	3.2 g.