



Kg
65,00

OPERATIONAL EXPANSION ± 100
RONAMFLEX F.200
RONAMFLEX expansion joints are manufactured in compliance with EU regulations.

Designed to ensure high and long-lasting performance in infrastructures subject to heavy stress.
Made of a **reinforced rubber element with fully embedded metal reinforcements** to protect them from corrosion, it guarantees resistance and reliability even under extreme conditions.

The rubber used is highly resistant to abrasion, oil, gasoline, de-icing salt, and UV rays, and is engineered to withstand wear caused by tires and chains.

The metal reinforcements are made of cold-rolled **S275JR steel** according to UNI 7070 standards, and the rubber-to-steel adhesion exceeds 10 N/mm. The anchoring system includes galvanized steel threaded rods with an anti-unscrewing system, secured with epoxy resin for perfect integration into the structure.

RUBBER PROPERTIES	M.U.	REQUIREMENTS	TEST METHODOLOGY UNI
Nominal Hardness	Shore A3	60	868
Hardness Field	Shore A3	55÷65	
Specific Hardness Tolerance	Shore A3	± 5	
Breaking Load	N/ mm ²	> 15,5	6065
Elongation at Break	%	> 450	6065
Last deterioration after compression of 25% 24 h 70°	%	< 20	4913
Thermal deterioration after 96 h 70°C maximum hardness variation	Shore A3	± 10	5408

RUBBER PROPERTIES	M.U.	REQUIREMENTS	TEST METHODOLOGY UNI
Maximum resistance at break variation	%	- 15	5408
Maximum variation elongation % at breaking	%	- 20	5408
Ozone resistance (50 p.p.c.m. 20% elongation 96 h 40°C)		no cracks	6067-6068
Fragility limit temperature	°C	< - 25	7320
Rubber-metal attack	N/mm	> 10	5405
G Modulus	N/mm ²	0,9	EN 1337-3 : 2005
Tolerance Modulus	%	± 15	

PROPERTIES OF S275JR STEEL	M.U.	REQUIREMENTS	TEST METHODOLOGY UNI EN
Tensile strenght at break	N/ mm ²	R > 430	10025
Exhaustement tension	N/ mm ²	Rs > 275	10025
Elongation at break	%	A > 23%	10025

SEZIONE A-A

**SEZIONE B-B
SCALA 1 : 10**

DILATAZIONE D'ESERCIZIO X ± 100mm
DILATAZIONE TRASVRESALE Y ± 100mm

POS.	DESCRIZIONE MATERIALI	TIPO	NORME	DIMENSIONI
A	GIUNTO F.200	NEOPRENE	CNR 10018/99	605x60x1000
B	IRAFONDO DI ANCORAGGIO	Fe 37 ZINCATO	-	M20x200
C	RESINA EPOSSIDICA	-	-	-
D	SCOSSALINA IN GOMMA	ELASTOMERO	-	400x2
E	MALTA DI LIVELLAMENTO E SIGILLATURA	-	-	-
F	PIATTI IN ACCIAIO	-	-	220x6
G	EPOSSICATRAME DI SIGILLATURA FORI	-	-	-
H	PIATTO IN ACCIAIO	-	-	220x10
I	RONDELLA	-	-	Ø 37x3
L	DADO DI BLOCCAGGIO	M20	UNI 3740	M20
	PESO TOTALE			kg 65

CLIENTE Customer	COMMESSA Job	ARTICOLO Item	RONAM GOMMA GROUP srl		DEGNATO - Drawn	DATA - Date
			24048 - Treviolo (BG) - ITALY		Ing. G. Piantoni	12/01/2022
					CONTROLLATO - Checked	DATA - Date
TOLLERANZE GENERALI: Quality tolerances:			UNI-EN 22768-mK		SCALA - Scale	PAG. - Pp. No
TOLLERANZE PER SVILUPPI E QUOTE PUNZONATRICI C.N.:			JS11	TOLLERANZA FILETTI UNIS541-65:	1:4	1/1
DENOMINAZIONE - Description			GIUNTO DI DILATAZIONE STRADALE RONAMFLEX F.200		SOSTITUISCE - Replace	FORMATO
					CCO. - Code	A3
					REV.	