

NBR / PVC RUBBER FOAM TEST REPORT

Description of product	Flexible Elastomeric Rubber Foam Sheet and Pipe
Production Standart	TS EN 14304 - 2010 Thermal Insulation product for bulding equipment and Industrial installations Factory made flexible elastomeric foam FEF product specification
Area of application	Pipe, Tanks, HVAC duct
Working Temperature	-40° C between +120° C
Closed Cell	>90
Chemical Resistance	Good
Ozone Resistance	Good
Flexibility	Perfect
Smell	Negligible
Brand Name	Oneflex
Manufacturer	ARMACELL YALITIM A.Ş.

	Technical Data	Test Method	Test Report
Density			
D (kg / m³)	40-60	TS EN 14304	TEBAR TURKAK AB 302-T
Dimensional stability			
Length & Width Change	0,00%	TS EN 1604:1998	TEBAR TURKAK AB 302-T
Thickness Change	0,700%	TS EN 1604:1998	TEBAR TURKAK AB 302-T
Thermal Conductivity			
-20 °Cλ	0,032 W/Mk	TS EN 12667	TEBAR TURKAK AB 302-T
0 °Cλ	0,034 W/Mk	TS EN 12667	TEBAR TURKAK AB 302-T
+20 °Cλ	0,036 W/Mk	TS EN 12667	TEBAR TURKAK AB 302-T
+40 °Cλ	0,038 W/Mk	TS EN 12667	TEBAR TURKAK AB 302-T
+60 °Cλ	0,040 W/Mk	TS EN 12667	TEBAR TURKAK AB 302-T
+80 °Cλ	0,042 W/Mk	TS EN 12667	TEBAR TURKAK AB 302-T
Fire Rating			
SBI	TS EN 13501 - 1 CLASS BL S3 d0	TS EN ISO 11925 - 2	TSE AB-0001-T
Dimensional Tolerance			
Length	± 1,5 %	TS EN 14304	TEBAR TURKAK AB 302-T
Width	± 2 %	TS EN 14304	TEBAR TURKAK AB 302-T
Thickness d ≤ 6 mm	± 1 mm	TS EN 14304	TEBAR TURKAK AB 302-T
Thickness 6 mm < d ≤ 19 mm	± 1,5 mm	TS EN 14304	TEBAR TURKAK AB 302-T
Thickness d > 19 mm	± 2,0 mm	TS EN 14304	TEBAR TURKAK AB 302-T
Service Temperature			
Maximum Service Teperature for Pipe	+120° C	TS EN 14707:2012	FIW M-013a/15
Minimum Service Teperature for Pipe	-40° C		FIW L2-03/15
Maximum Service Teperature for Sheet	+120° C	TS EN 14706:2012	FIW M-002a/15
Minimum Service Teperature for Sheet	-40° C		FIW L2-02/15
Water Vapour Resistance			
Water Vapour Resistance μ for Pipe	≥ 7.000	TSE EN 12086	TEBAR TURKAK AB 302-T
Water Vapour Resistance W (mg/m².h.Pa)	0,0241	TSE EN 12086	TEBAR TURKAK AB 302-T