



Style 742/743

Universal High Temperature Packing



NEW DEVELOPMENT FOR GENERAL USE IN PUMP AND VALVE APPLICATIONS

- Temp. -400° F to +1220° F
..... (-240° C to + 660° C)
..... +5000° F (+2500° C)
..... in nonoxidizing applications
- pH-Range 0-14
- Pressure 742. 250 bar
..... 743. 400 bar
- Speed 742. 5400 FPM (30 m/sec.)
..... 743. 2000 FPM (10 m/sec.)
- DEPAC Style 742 for dynamic sealing
- DEPAC Style 743 reinforced with Inconel-wire for stationary applications.

NON-ASBESTOS

Until recently, high temperature applications in pumps and valves with non-asbestos packings were only possible by using relatively expensive carbon or graphite packings.

The **DEPAC** new development of Style 742/743 offers today a non-asbestos, inexpensive packing, which can be used universally throughout a plant.

RANGE OF APPLICATIONS

Temperature range from -400° F to +1220° F
(-240° C to + 660° C)

Excellent for standardisation in water, brine, acid, steam, solvents, gases, heat transfer oils.

EQUIPMENTS

Pumps, feed water pumps, hot water and condensate pumps, heat transfer oil pumps, agitators, mixers, autoclaves, valves, filters, expansion joints, plunger pumps, chemical pumps.

INDUSTRIES

Power plants, refineries, petrochemical, chemical, steel, paper, sewage plants, water works, marine.

EXPANDED PURE GRAPHITE

Because of the special manufacturing process using expanded graphite, Style 742/743 proves to be a completely chemically resistant packing, which can be applied in the total pH-range. (Exceptions: Oleum, fluoric, fuming nitric acid).

High reliability is also granted by the packing's extreme range of temperature resistance from -400° F to +1220° F (-240° C to +660° C).

STANDARDIZATION

Because of its above mentioned criterions of applications and because of its outstanding economy this **DEPAC** newly developed packing may be considered the most effective standard packing for any application in industry and marine. It is not necessary any more to have other varieties of packings for the different applications.



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ECONOMY

DEPAC STYLE 742/743 is outstanding because of its extraordinary economy.

The universal use reduces stock keeping tremendously. The excellent lubricity characteristics and long service life keep the wear of shafts and maintenance costs to an absolute minimum.

DEPAC STYLE 742/743 was specifically designed to offer industry and marine a packing for universal use with optimum sealing characteristics for extremely low costs. Due to the development of expanded pure graphite **DEPAC** is now in a position to offer with this packing advantages even to prepressed graphite rings. Although prepressed graphite rings, especially used in power plant industries, provided satisfying sealing qualities especially in valve applications, they also required from the user very elaborate preparation in ordering and stockkeeping, because for each inside and outside diameter there had to be ordered special rings. This was not only very costly as far as buying was concerned, it also required an extremely complicated stock-keeping.

With equal or even better sealing qualities **DEPAC** STYLE 742/743 gives the possibility to buy this packing like any other packing, namely by ordering bulk for different cross-sections thus keeping costs to a minimum.

Approximate data						
Size		Weight		Length		Reorder No. 742... 743...
mm	inch	kg	lbs	m/kg	ft/lbs	
6	1/4	1	2.2	23.6	37	...061
		2	4.4			...062
8	5/16	1	2.2	13.3	20	...081
		2	4.4			...082
10	3/8	1	2.2	8.5	13	...101
		2	4.4			...102
11	7/16	1	2.2	7	11	...111
		2	4.4			...112
12	1/2	1	2.2	5.9	9	...121
		2	4.4			...122
		4	8.8			...124
14	9/16	2	4.4	4.4	6.6	...142
		4	8.8			...144
16	5/8	4	8.8	3.3	5	...164
18	11/16	4	8.8	2.6	4	...184
19	3/4	4	8.8	2.4	3.6	...194
20	13/16	4	8.8	2.2	3.3	...204
22	1/8	4	8.8	1.8	2.7	...224
25	1	4	8.8	1.4	2.1	...254

Other sizes and weights on request.

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