

Feedback

Further to our current circular of 04th / 05th Mar. Please note following.

There has been a recent detention of a vessel for Hatch cover rubber sealing compression imprint and landing pads.

*Please check the extent of grooving on the hatch cover rubber packing.

I have attached our earlier circular on Hatch covers for your information.



*Rubber packing that is physically damaged, should be renewed immediately. The minimum length of replaced packing should be one meter. Rubber packing that is permanently impressed to 50% (some manufacturers state 75%) of its design compression should be completely replaced. A rule of thumb to estimate design compression (in the absence of manufacturer's information) is to use 30% of the packing's thickness. Permanently impressed rubber packing indicates worn steel-to-steel contact surfaces. The design compression for common gasket types is usually in the range of 10-15 mm, depending on the thickness, and a manufacturers' rule of thumb is to replace the packing when a permanent impression reaches half the design value

Example :

Rubber size: 70 x 40

Design compression: 30% of thickness = 12mm

Discard criteria: 50% of design compression = 6mm

Or 15% of original size

Feedback



IN ALL CASES PLEASE MENTION THE APPROXIMATE DEPTH OF PERMANENT IMPRINT ON THE HATCH COVER RUBBER.

IF A DEFICIENCY IS REQUIRED, THEN IT SHOULD BE MENTIONED WITH THE LEVEL OF IMPRINT DEPTH IN MM. COMPARED WITH ORIGINAL RUBBER SIZE.

E.g. Rubber size 70x40 mm, Design compression 12 mm (mention if manufacturer's info or estimated), present measured permanent compression 8 mm

Preferred wording of deficiency:

“Hatch Cover rubbers permanently deformed/ set grooved in excess of the manufacturers recommended xxmm (say 6mm as an example) tolerance on hatch covers 1 port xxmm(8mm),2 starboard xxmm (10mm) etc”