

SPECIAL ENDS

Special ends

- Built-in nipple (stub end, threaded end, Victaulic end, fix flange, floating flange)
- Rubber lined nipple & flange
- Molded rubber flange
- Molded beaded end & split flange
- Enlarged end to your specific ID
- Soft cuffs (wire is eliminated providing a soft end easy to clamp)
- Straight end or plain end (end of hose is simply cut with no special connection)
- Lathe cut (ideal for short pieces that require high precision cut)
- Tapered end
- Built-in nozzle

NOTE: flanges can have ANSI 150# or 300# drilling, DIN drilling or any custom design



Lathe cut neoprene pieces



Petroleum hoses c/w stainless steel nipples & flanges 300#



Papermill washdown hose c/w built-in nozzle



Pure gum and SBR tubing cut to your length

See the following pages for more details on end configurations!

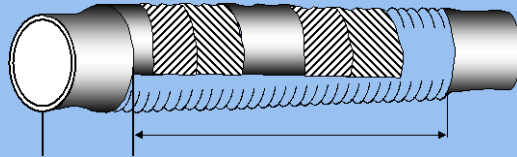
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SPECIAL ENDS

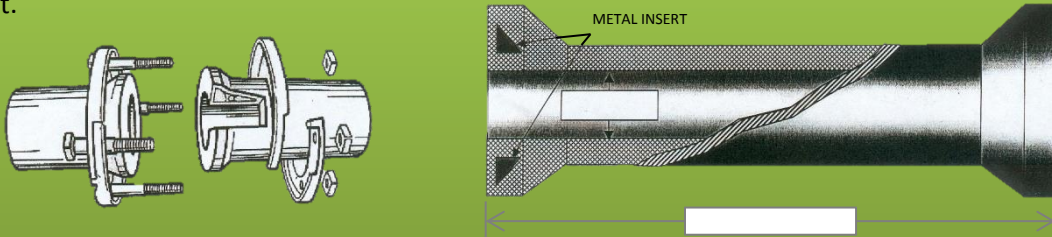
SOFT CUFFS

Ideal for easy clamping of hoses having a wire reinforcement and a corrugated cover. Specify the overall length of the hose and length of cuffs. Outside diameter of cuffs can also be specified if critical.



BEADED ENDS WITH SPLIT FLANGES

Ideal for joining hose with a flexible rubber to rubber joint offering great strength. Hose ends are flared outward reinforced with steel rings and are capped with rubber. Split flanges encircle the hose behind the flared portion, and are bolted and tightened together without twisting the hose, compressing the soft rubber hose end together and forming a leakproof seal which requires no gasket.



RUBBER FLANGES

The rubber flange is built as an integral part of the hose during manufacturing. This end provides a hose with no metal in contact with the media conveyed, therefore no contamination, abrasion or chemical action.

It is constructed to the same dimensions as standard flanges. Heavy steel plate back-up flange may be built into the flange or supplied as separate parts to be placed as backup support.



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SPECIAL ENDS

BUILT-IN NIPPLES

Large size hose for oil suction and discharge and other similar services are commonly fitted with metal nipples. The nipples are usually fabricated from short lengths of steel pipe, threaded on the outer end.

- Hose is built around nipple.
- After vulcanization, hose and nipple are an integral unit that will not leak or blow out.
- Nipple can be supplied either **threaded** for attaching flange or grooved for **victaulic** clamp.



Two band Nipple



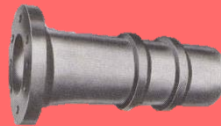
Built-in Nipple

NIPPLE AND FLANGE

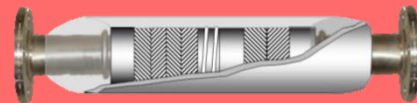
The nipples are first positioned on the mandrel so that the hose is built over the nipples. The nipples are locked into the hose by means of circumferential grooves or raised metal bands on the outside of the nipple. After vulcanization, the hose and nipple are an integral unit that will not leak or blow out.

Flanges can be fixed or floating.

Carbon steel or stainless steel.



Nipple & Flange



Example of hose construction

RUBBER LINED MATERIAL CONDUCTING HOSES

Large size hoses for the mining industry are commonly fitted with metal nipples. The nipples are usually fabricated from short lengths of steel pipe, **threaded** on the outer end, grooved for **victaulic** clamp, or c/w a welded **flange**.

Rubber lining of the nipples is often requested because it insures a smooth rubber tube all along the hose. The hoses will last longer because the nipples, protected by the rubber, won't wear too quickly.



Rubber Lined Victaulic Nipples

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